

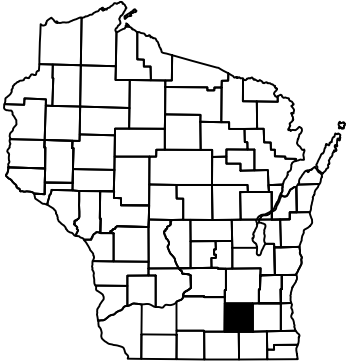
PROJECT ID:
WITH: 3080-09-61

COUNTY:
JEFFERSON

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS =



DESIGN DESIGNATION	3080-09-61		
A.A.D.T.	2019	=	2,600
A.A.D.T.	2039	=	3,000
D.H.V.		=	10.5
D.D.		=	60/40
T.		=	12.5%
DESIGN SPEED		=	35 MPH (STA. 330+00 - STA. 334+00)
ESALS		=	50 MPH (STA. 334+00 - STA. 352+50)
		=	60 MPH (STA. 352+50 - STA. 597+05)

CONVENTIONAL SYMBOLS

PLAN

CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

PROFILE

GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
<u>UTILITIES</u>	
ELECTRIC	E
FIBER OPTIC	FO
GAS	G
SANITARY SEWER	SAN
STORM SEWER	SS
TELEPHONE	T
WATER	W
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

JEFFERSON - WALES

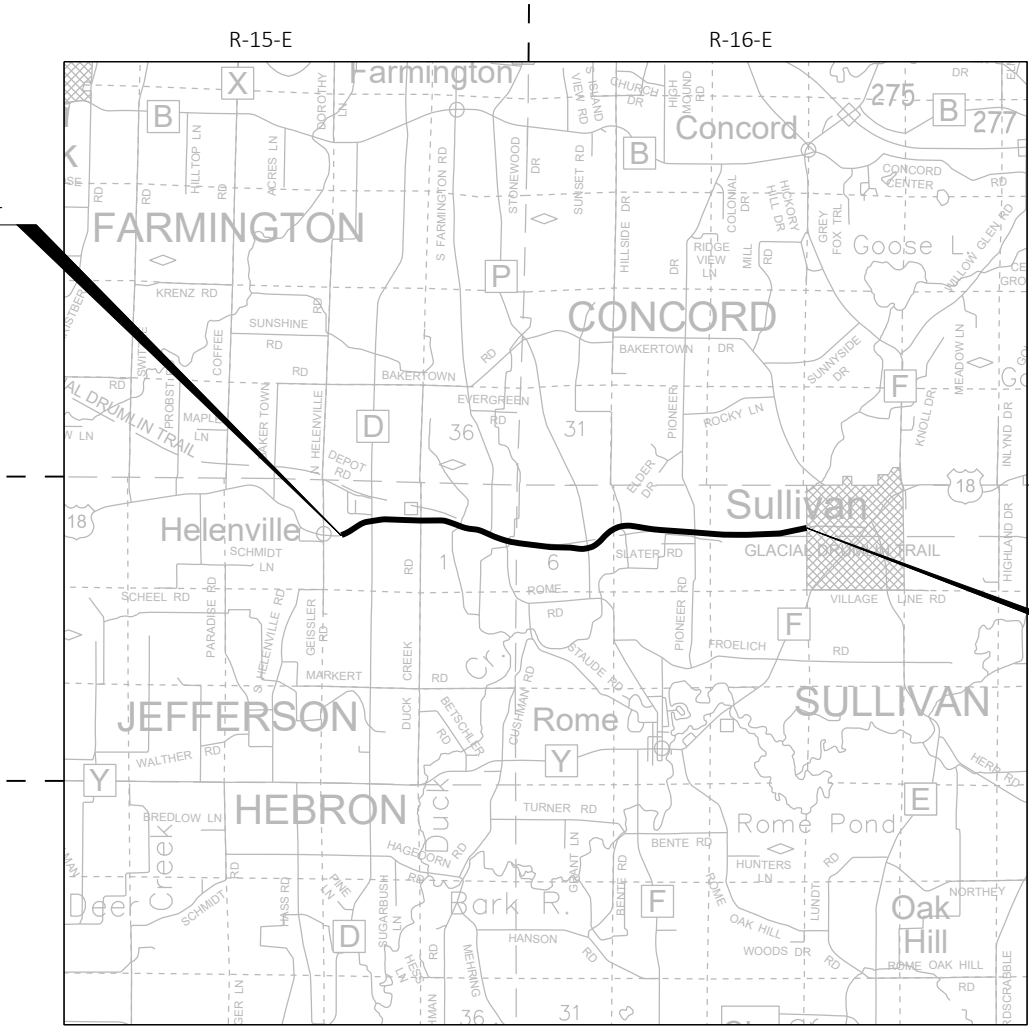
HELENVILLE RD TO W LIMIT V SULLIVAN

USH 18

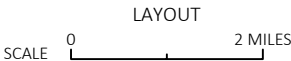
JEFFERSON COUNTY

STATE PROJECT NUMBER
3080-09-61

BEGIN PROJECT
STA. 330+00
Y = 561,127.78
X = 884,966.38



END PROJECT
STA. 597+04.57



TOTAL NET LENGTH OF CENTERLINE = 5.058 MILES

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), JEFFERSON COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
3080-09-61		

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	JEWELL ASSOCIATES ENGINEERS, INC.
Designer	TIJLER DEYMARCOS
Project Manager	JEREMY HALL
Regional Examiner	SW REGION
Regional Supervisor	JAMES OETTINGER

APPROVED FOR THE DEPARTMENT
DATE: 1/3/19
(Signature)

E

STANDARD ABBREVIATIONS

AC.	ACRE	MAX.	MAXIMUM
AGG.	AGGREGATE	MGAL	1000 GALLONS
AH	AHEAD	MIN.	MINIMUM
<	ANGLE	N.C.	NORMAL CROWN OR NO CHANGE
AE, AEW	APRON ENDWALL	N	NORTH
ASPH.	ASPHALTIC	NO.	NUMBER
A.D.T.	AVERAGE DAILY TRAFFIC	PAV'T	PAVEMENT
B.F.	BACK FACE	P.L.E	PERMANENT LIMITED EASEMENT
BK.	BACK	P.C.	POINT OF CURVATURE
BEG.	BEGIN	P.I.	POINT OF INTERSECTION
B.M.	BENCH MARK	P.T.	POINT OF TANGENCY
C/L	CENTER LINE	V.P.C.	VERTICAL POINT OF CURVATURE
D	CENTRAL ANGLE OR DELTA	V.P.I.	VERTICAL POINT OF INTERSECTION
C.M.C.P.	CORRUGATED METAL CULVERT PIPE	V.P.T.	VERTICAL POINT OF TANGENCY
C.M.P.	CORRUGATED METAL PIPE	PCC	PORTLAND CEMENT CONCRETE
CO.	COUNTY	P.E	PRIVATE ENTRANCE
CTH	COUNTY TRUNK HIGHWAY	P.L.	PROPERTY LINE
CR.	CREEK	R	RADIUS OR RANGE
C.A.B.C.	CRUSHED AGGREGATE BASE COURSE	R/L	REFERENCE LINE
C.Y.	CUBIC YARD	R.C.C.	
C.P.	CULVERT PIPE	P.	REINFORCED CONCRETE CULVERT PIPE
C. & G.	CURB AND GUTTER	RT	RIGHT
D	DEGREE OF CURVE	REQ'D	REQUIRED
D.H.V.	DESIGN HOUR VOLUME	R.H.F.	RIGHT HAND FORWARD
DIA.	DIAMETER	R/W	RIGHT OF WAY
DISCH.	DISCHARGE	R.	RIVER
EA	EACH	RD.	ROAD
E	EAST	SHLD.	SHOULDER(S)
ELEC.	ELECTRIC(AL), ELEC. CABLE	SHR.	SHRINKAGE
EL., ELEV.	ELEVATION	S	SOUTH
EXC.	EXCAVATION	S.F.	SQUARE FOOT (FEET)
F.F.	FACE TO FACE	SDD	STANDARD DETAIL DRAWING(S)
FERT.	FERTILIZER	STH	STATE TRUNK HIGHWAY
F.E	FIELD ENTRANCE	STA.	STATION
F/L, F.L	FLOW LINE	S.E	SUPERELEVATION
CWT.	HUNDRED WEIGHT	S/L	SURVEY LINE
INL	INLET	T	TANGENT
INTER.	INTERSECTION	TEL.	TELEPHONE
JT.	JOINT	TEMP.	TEMPORARY
LT	LEFT	T.L.E	TEMPORARY LIMITED EASEMENT
L.H.F.	LEFT HAND FORWARD	T.O.C.	TOP OF CURB
L	LENGTH OF CURVE	T.	(TRUCKS) PERCENT OF
L.F.	LINEAR FOOT(FEET)	TY.P.	TYPICAL
LC.	LONG CHORD	UNCL.	UNCLASSIFIED
LS	LUMP SUM	U.G.	UNDERGROUND (CABLE)
M.P.	MARKER POST	V.C.	VERTICAL CURVE
		W	WEST



Dial 811 or (800)242-8511

www.DiggersHotline.com

WISDOT CONTACTS

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jeremy.hall@dot.wi.gov

WISDOT PROJECT LEADER
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DNR TRAILS PROGRAM MANAGER
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melissa.vanlanduyt@wisconsin.gov

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clerk@townofjefferson.com.com

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TOWN CLERK
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townofsullivan@centurytel.net

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316 W WASHINGTON AVE
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(608) 252-2385
ca2624@att.com

CENTURYLINK -
COMMUNICATION LINE
JAMES WINTER
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NORTH PRAIRIE, WI 53153
(262) 392-5210
James.Winter@centurylink.com

CHARTER COMMUNICATIONS -
COMMUNICATION LINE
BRANDON STORM
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MADISON, WI 53718
(608) 274-3822
brandon.storm@charter.com

GUARDIAN PIPELINE -
GAS/PETROLEUM
VICTOR DUFOUR
23823 W AMOCO RD
CHANNAHON, IL 60410
(815) 467-4633
victor.dufour@oneok.com

LEVEL 3 COMMUNICATIONS LLC -
COMMUNICATION LINE
BRAHIM GADDOUR
3235 INTERTECH DR, SUITE 600
BROOKFIELD, WI 53045
(414) 908-1027
relo@level3.com

PAETEC COMMUNICATIONS, LLC -
COMMUNICATION LINE
MARY FISHER
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BROOKFIELD, WI 53005
(262) 792-7938
Mary.B.Fisher@windstream.com

SPRINT COMMUNICATIONS CO LP -
COMMUNICATION LINE
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1901 N. ROSELLE RD., SUITE 500
SCHAUMBURG, IL 60195
(708) 955-6659
james.m.burton@sprint.com

TDS METROCOM -
COMMUNICATION LINE
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NEW BERLIN, WI 53151
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matt.schulte@tdstelecom.com

WE ENERGIES -
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(414) 221-5617
Nicole.SmulLEN@wecenergygroup.com

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Nicole.SmulLEN@wecenergygroup.com

WINDSTREAM KDL, LLC -
COMMUNICATION LINE
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Mary.B.Fisher@windstream.com

GENERAL NOTES

NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT THE APPROVAL OF THE FIELD ENGINEER.

DIMENSIONS GIVEN FOR EXISTING FEATURES SHALL BE CONSIDERED APPROXIMATE AND MEASURED IN THE FIELD FOR MATCHING PURPOSES.

SEE STANDARD DETAIL DRAWINGS 15C4 "TRAFFIC CONTROL, ADVANCED WARNING SIGNS 45 M.P.H. OR GREATER, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC" AND 15C12 "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" FOR TRAFFIC CONTROL DETAILS. PLACE ONE PCMS BOARD ON EACH END OF THE PROJECT ONE WEEK BEFORE CONSTRUCTION BEGINS.

TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

THE EXACT LOCATIONS AND LIMITS OF COMMERCIAL, FIELD, AND PRIVATE ENTRANCES SHALL BE DETERMINED BY THE FIELD ENGINEER.

APPLY TACK COAT TO THE MILLED SURFACE AT A RATE OF 0.07 GAL/SY, PRIOR TO PLACING ASPHALTIC SURFACE AND PRIOR TO PLACING HMA PAVEMENT.

HMA PAVEMENT LIMITS AT INTERSECTIONS ARE TO BE DETERMINED BY THE FIELD ENGINEER.

HMA PAVEMENT SHALL BE CONSTRUCTED WITH A SINGLE 2-INCH LAYER OF HMA PAVEMENT 4 LT 58-28 S. PAVE 2 INCHES OF ASPHALTIC SURFACE IN AREAS WHERE REMOVING DISTRESSED PAVEMENT MILLING IS REQUIRED AS THE PLANS SHOW, OR AS DETERMINED BY THE FIELD ENGINEER.

ASPHALTIC SURFACE AND HMA PAVEMENT QUANTITIES WERE CALCULATED USING 112 LB/IN/SY.

PAVING OPERATIONS BY THE CONTRACTOR SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN DRIVING, TURNING, OR PASSING LANES.

EXISTING SHOULDER AGGREGATE SHALL BE INCORPORATED INTO THE NEW SHOULDERS UNLESS OTHERWISE DIRECTED BY THE FIELD ENGINEER.

SHOULDERS SHALL BE PLACED, SHAPED, AND COMPACTED PRIOR TO PLACING GUARDRAIL.

MAINTAIN EROSION CONTROL ITEMS UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY. WETLANDS AND OTHER WATERWAYS ARE PRESENT WITHIN THE PROJECT LIMITS.

DISTURBED AREAS SHOWN WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN FINISHED SHOULDER POINTS, ARE TO HAVE SEEDING MIXTURE NO. 60, TEMPORARY SEEDING, AND EROSION MAT CLASS II URBAN TYPE B AS DIRECTED BY THE FIELD ENGINEER. SEEDING, TEMPORARY SEEDING, AND EROSION MAT ARE TO BE PAID FOR UNDER THE BID ITEM BARRIER SYSTEM GRADING SHAPING FINISHING.

NOTIFY BOTH THE DNR LIASON AND THE DNR TRAILS PROGRAM MANAGER OF ANY CONSTRUCTION ACTIVITY THAT MAY DISRUPT THE GLACIAL DRUMLIN TRAIL CROSSING USH 18 JUST SOUTH OF DUCK CREEK.

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN IN THE PLANS. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

IF THERE ARE CONFLICTS WITH SIGNS OR OTHER WORK UNDER THIS PROJECT, THE CONTRACTOR WILL WORK AROUND THE UTILITY FACILITIES.

LOCATE NO PASSING ZONES AND MOVE W14-3 "NO PASSING ZONE" SIGNS WHERE APPLICABLE. ALL OTHER EXISTING PERMANENT SIGNING IS TO REMAIN IN PLACE UNLESS OTHERWISE DIRECTED BY THE FIELD ENGINEER.

SEE STANDARD DETAIL DRAWINGS 15C8 "PAVEMENT MARKING - MAINLINE, TURN LANES", 15C33 "STOP LINE AND CROSSWALK PAVEMENT MARKING", AND 15C35 "PAVEMENT MARKING (INTERSECTIONS)" FOR PAVEMENT MARKING DETAILS.

THE CONTRACTOR IS TO PROTECT 2J12, 2J13, 2J14, SULLIVAN N GPS AS MK, SULLIVAN N GPS AND KEEP CONSTRUCTION EQUIPMENT AT LEAST 10 FEET AWAY FROM 2J12, 2J13, 2J14, SULLIVAN N GPS AS MK, SULLIVAN N GPS.

ENSURE THAT 2J12, 2J13, 2J14, SULLIVAN N GPS AS MK, SULLIVAN N GPS IS/ARE NOT DISTURBED, BUMPED OR MOVED DURING THE DURATION OF THE PROJECT. NOTIFY JACOB ROCKWEILER IMMEDIATELY IF 2J12, 2J13, 2J14, SULLIVAN N GPS AS MK, SULLIVAN N GPS IS/ARE DISTURBED, BUMPED OR MOVED DURING CONSTRUCTION OPERATIONS.

JACOB ROCKWEILER, P.E., WISCONSIN HEIGHT MODERNIZATION PROGRAM MANAGER WITH THE WISCONSIN DEPARTMENT OF TRANSPORTATION WHOSE PHONE NUMBER IS (608) 516-6362 AND EMAIL IS JACOB.ROCKWEILER@DOT.WI.GOV

SECTION 2 ORDER OF SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PLAN DETAILS
EROSION CONTROL

BEGIN PROJECT
STA. 330+00
Y = 561,127.78
X = 884,966.38

END PROJECT
STA. 597+04.57



PROJECT NO: 3080-09-61

HWY: USH 18

COUNTY: JEFFERSON

PROJECT OVERVIEW

SHEET

E

FILE NAME : N:\PDS\C3D\30800931\Sheets\PLAN\020201_PO - PROJECT OVERVIEW\020201_PO.DWG
LAYOUT NAME - 01

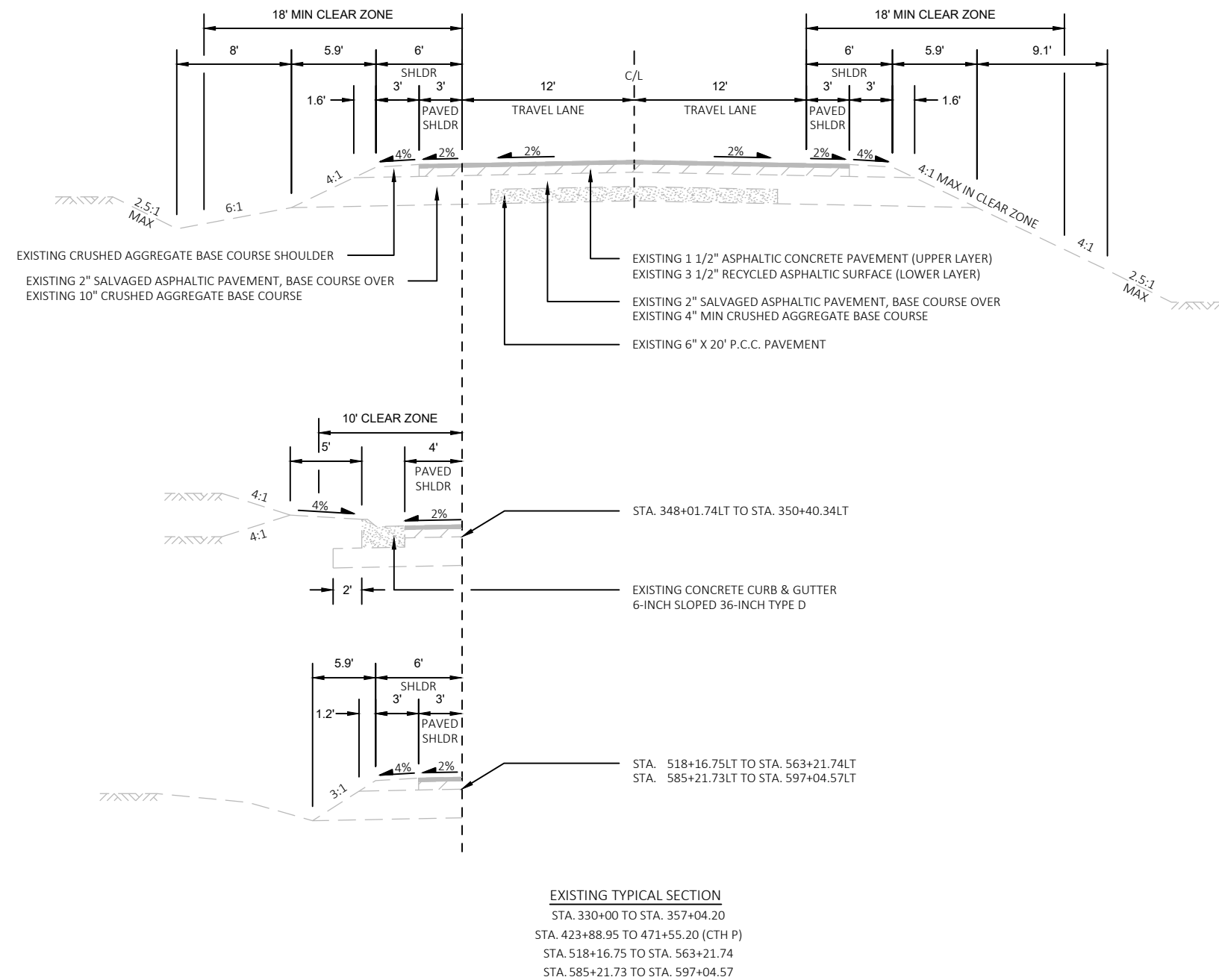
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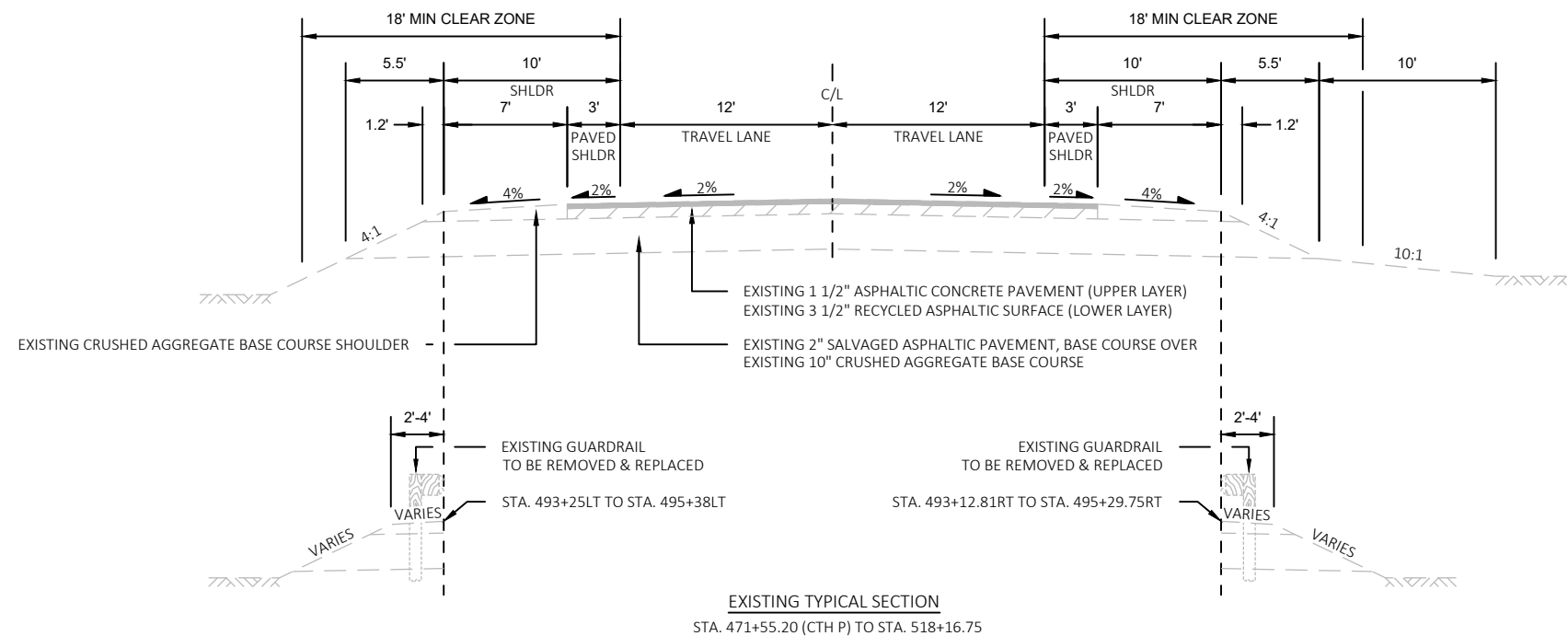
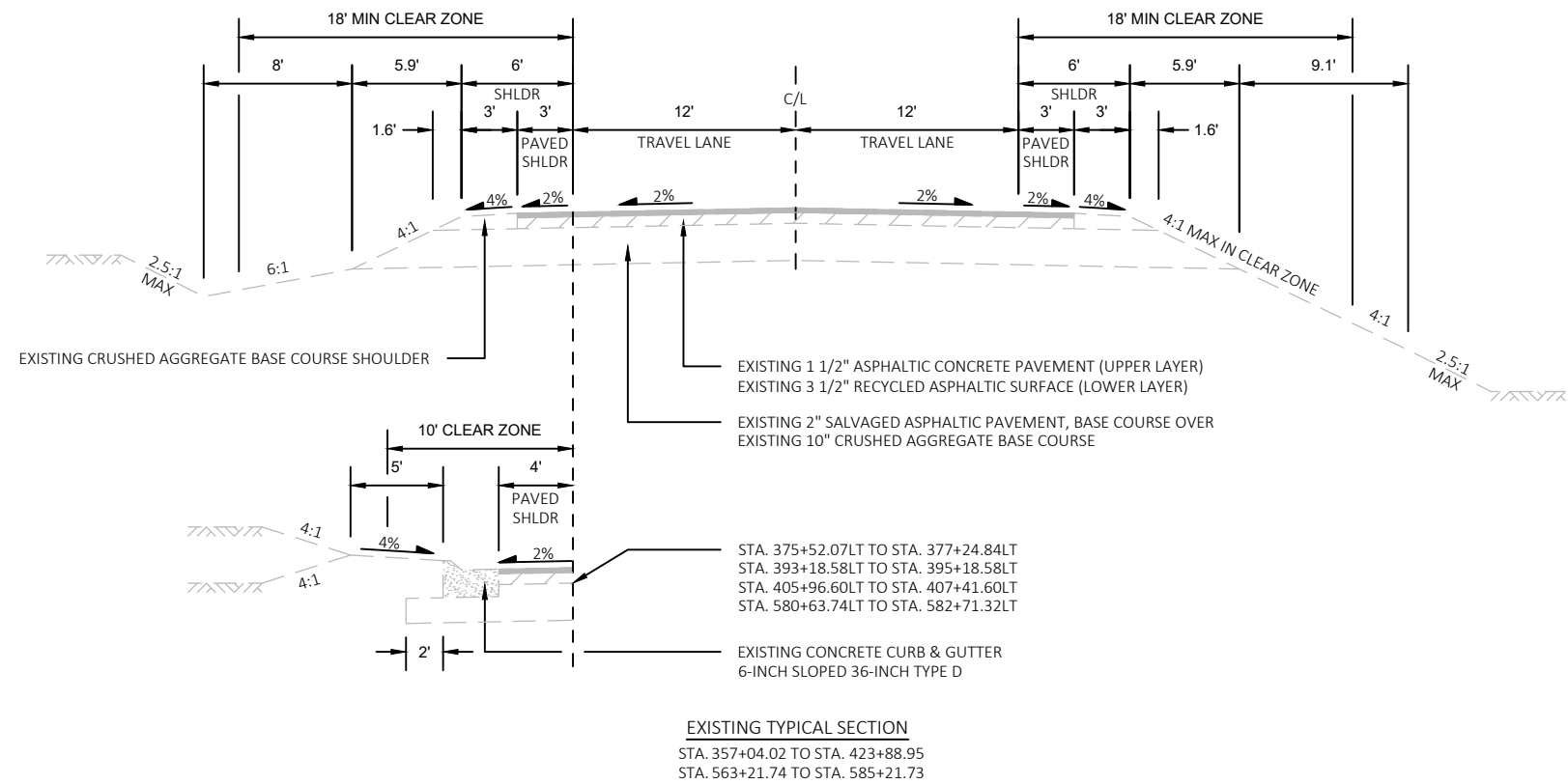
PLOT BY : DEYMARCOs, TIJLER JO

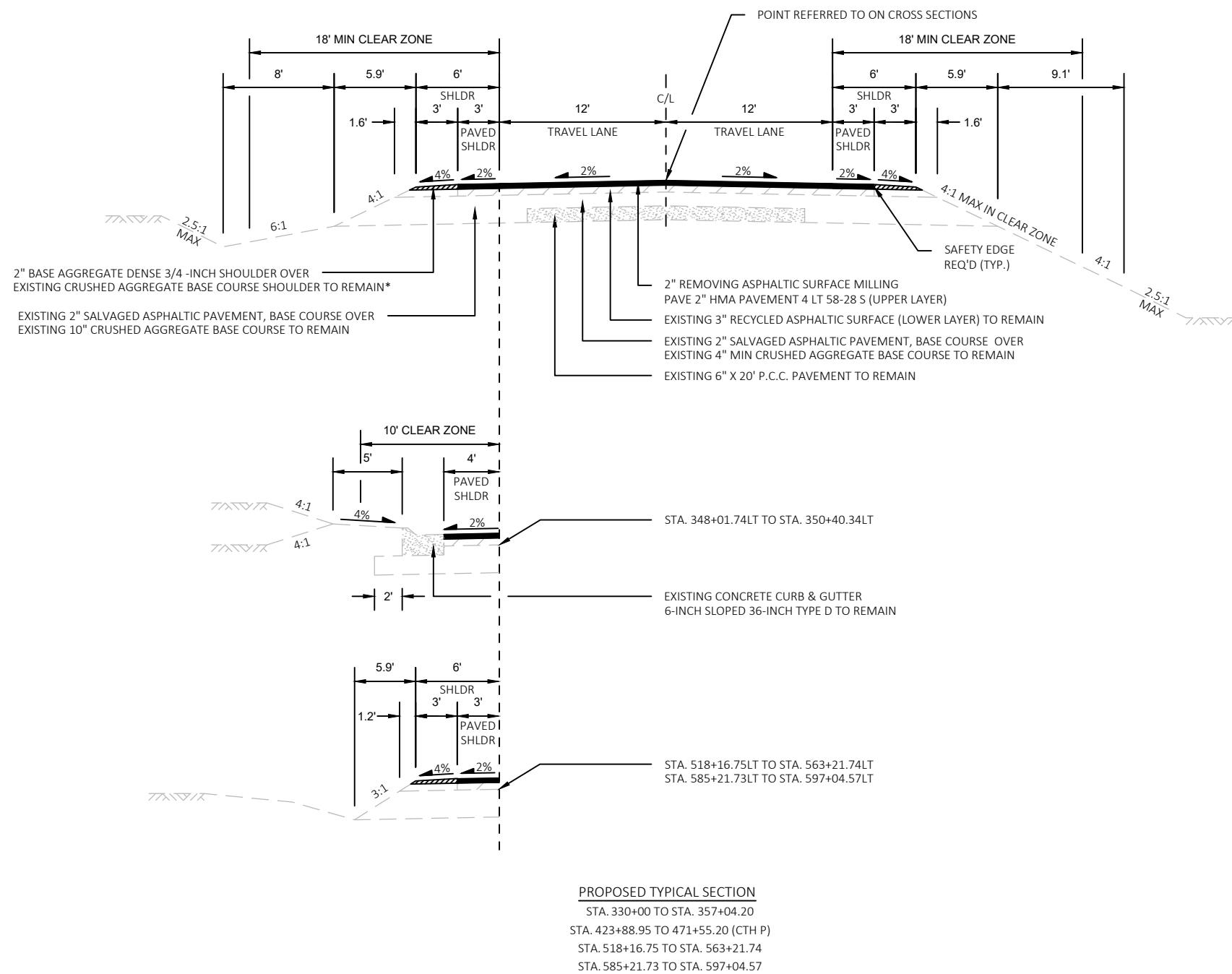
PLOT NAME :

PLOT SCALE : #####

WISDOT/CADDs SHEET 42

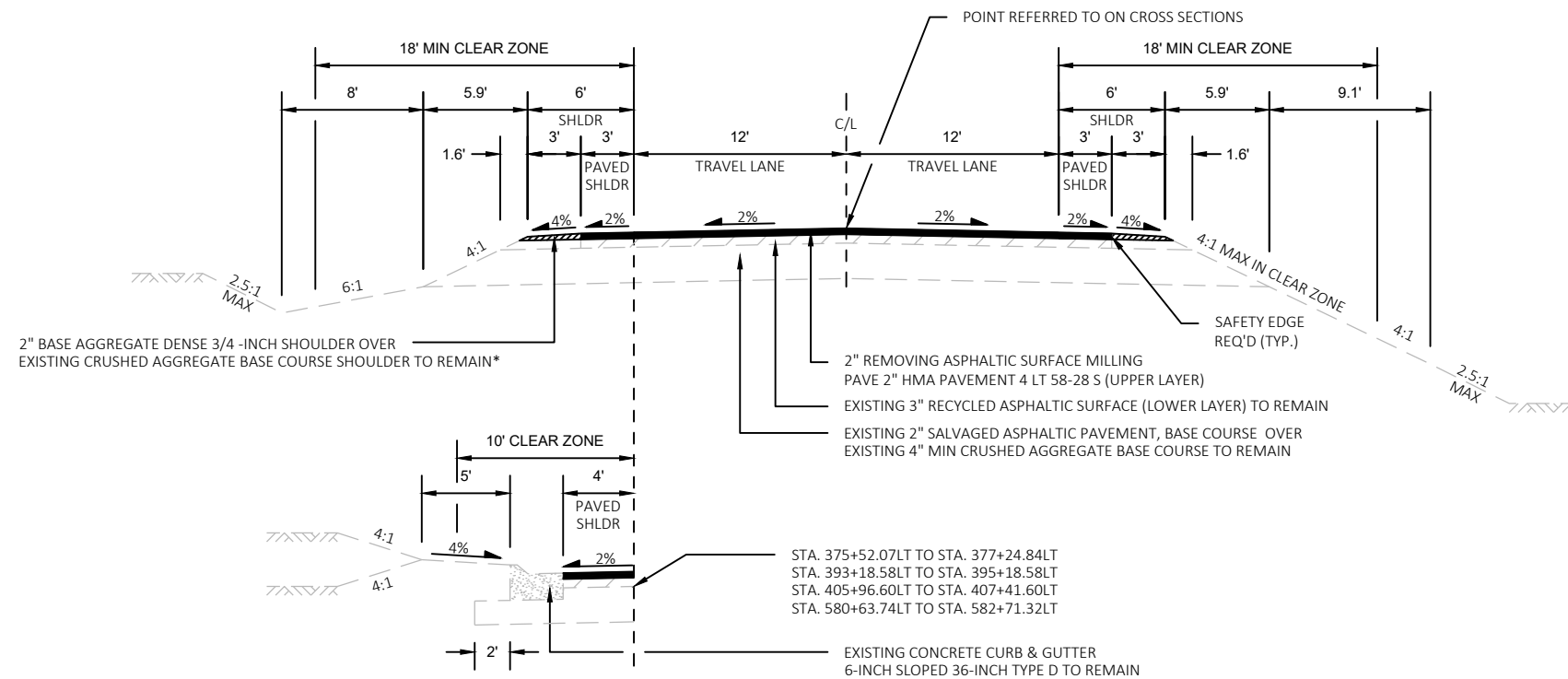






*SHAPING SHOULDERS TO BE USED AS DIRECTED BY THE FIELD ENGINEER

NOTE:
THE CONTRACTOR SHALL VERIFY AND MAINTAIN ALL EXISTING SUPERELEVATION RATES AND SUPERELEVATION TRANSITION RATES OF ALL EXISTING HORIZONTAL CURVES.



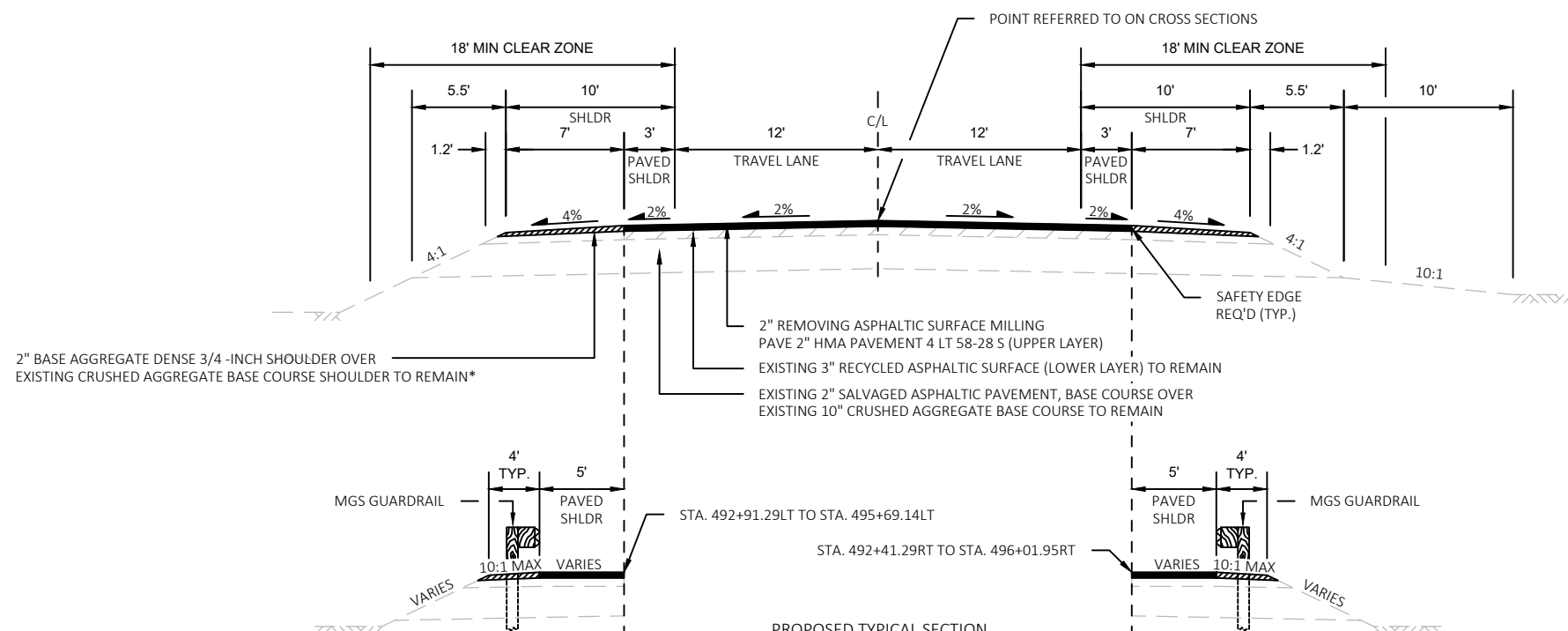
PROPOSED TYPICAL SECTION

STA. 357+04.02 TO STA. 423+88.95
STA. 563+21.74 TO STA. 585+21.73

*SHAPING SHOULDERS TO BE USED AS DIRECTED BY THE FIELD ENGINEER

NOTE:

THE CONTRACTOR SHALL VERIFY AND MAINTAIN ALL EXISTING SUPERELEVATION RATES AND SUPERELEVATION TRANSITION RATES OF ALL EXISTING HORIZONTAL CURVES.



PROPOSED TYPICAL SECTION

STA. 471+55.20 (CTH P) TO STA. 518+16.75

*SHAPING SHOULDERS TO BE USED AS DIRECTED BY THE FIELD ENGINEER

PROJECT NO: 3080-09-61

HWY: USH 18

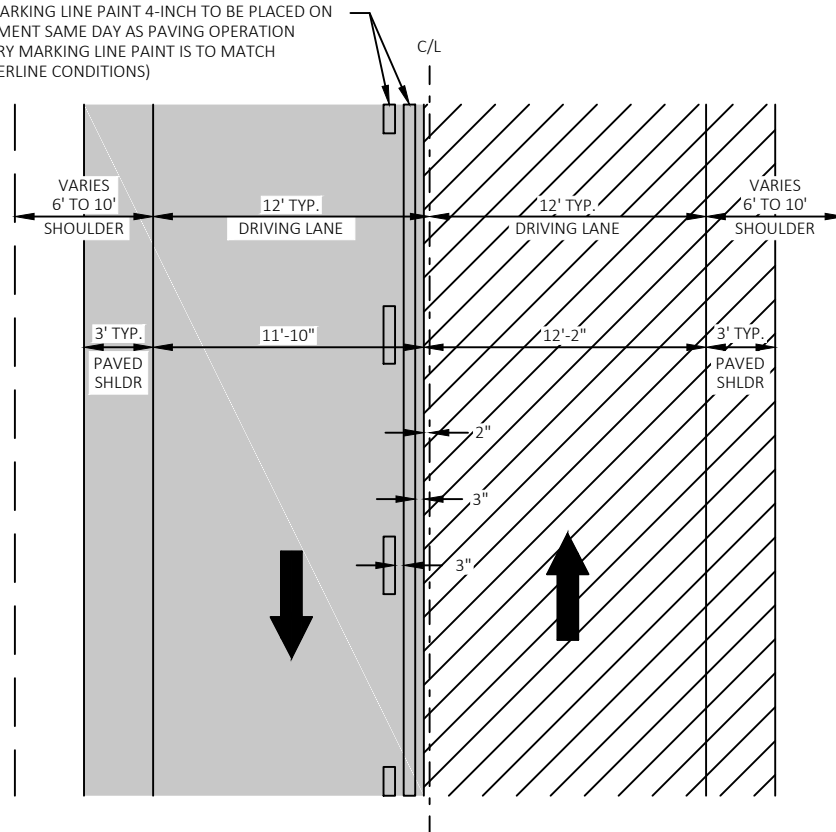
COUNTY: JEFFERSON

PROPOSED TYPICAL SECTIONS

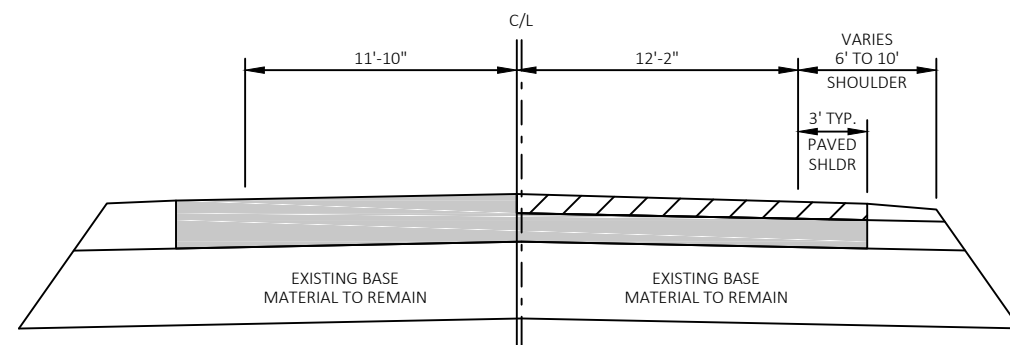
SHEET

E

TEMPORARY MARKING LINE PAINT 4-INCH TO BE PLACED ON EXISTING PAVEMENT SAME DAY AS PAVING OPERATION (ALL TEMPORARY MARKING LINE PAINT IS TO MATCH EXISTING CENTERLINE CONDITIONS)

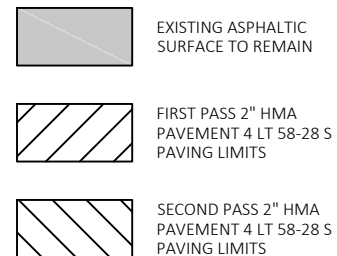


PLAN VIEW



CROSS SECTION VIEW

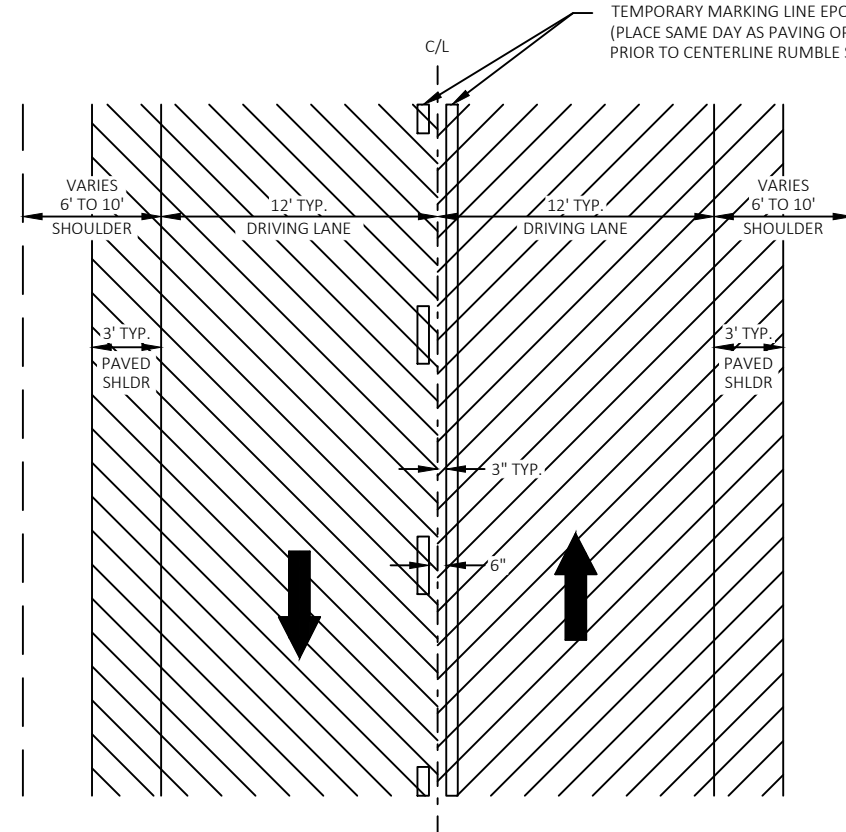
LONGITUDINAL PAVEMENT JOINT DETAIL - FIRST PASS



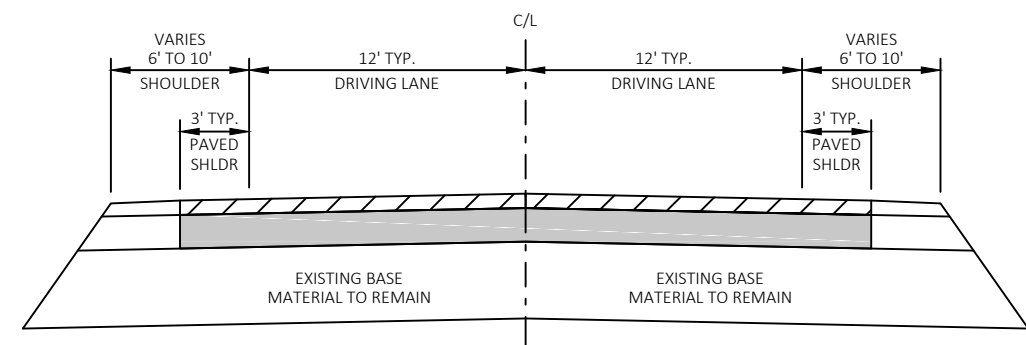
*LOCATING NO PASSING ZONES REQUIRED PRIOR TO PLACEMENT OF TEMPORARY MARKING LINE EPOXY 4-INCH.

**MARKING LINE EPOXY 4-INCH REQUIRED AFTER INSTALLING CENTERLINE RUMBLE STRIPS.

TEMPORARY MARKING LINE EPOXY 4-INCH* (PLACE SAME DAY AS PAVING OPERATION AND PRIOR TO CENTERLINE RUMBLE STRIPS INSTALLATION**)

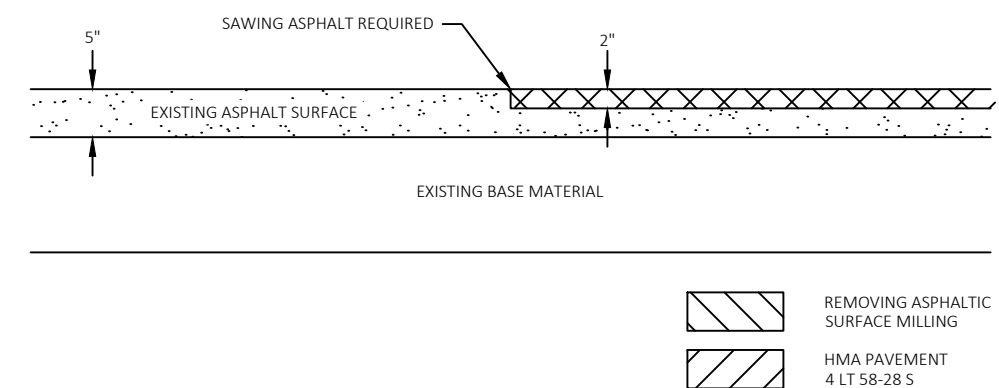
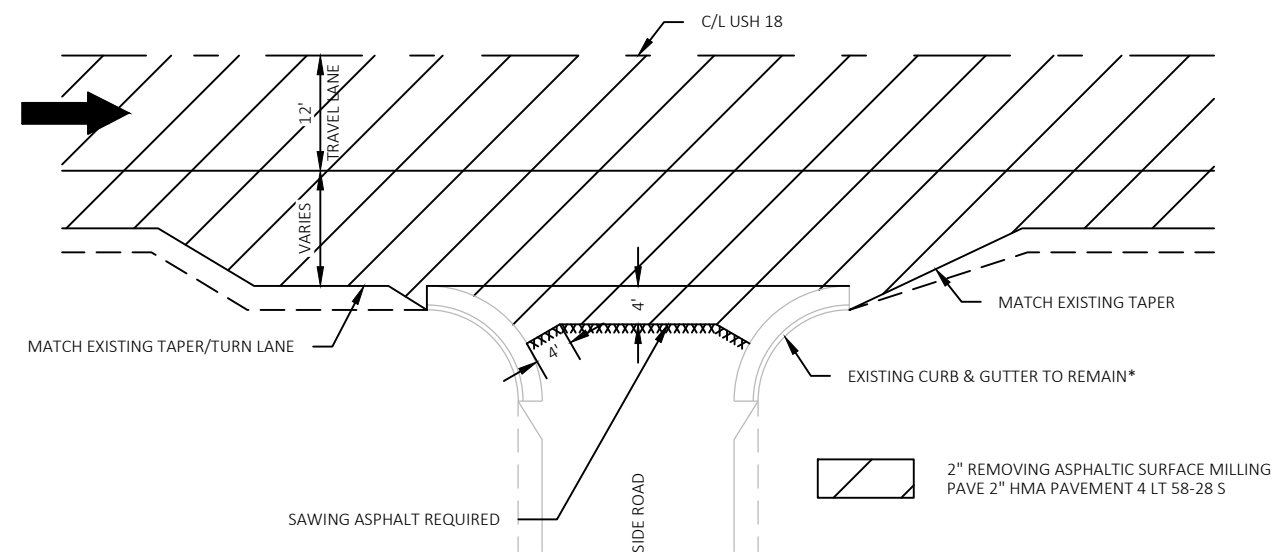
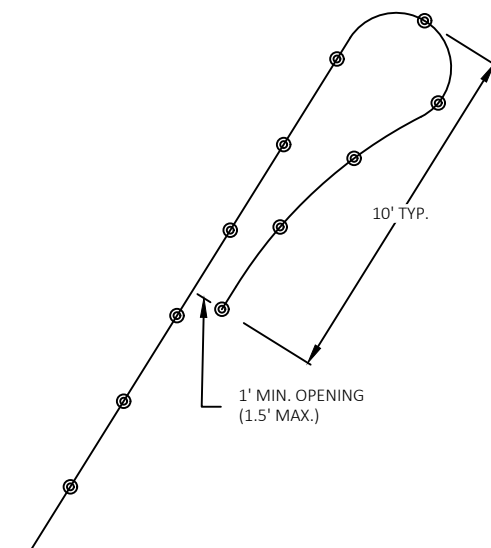


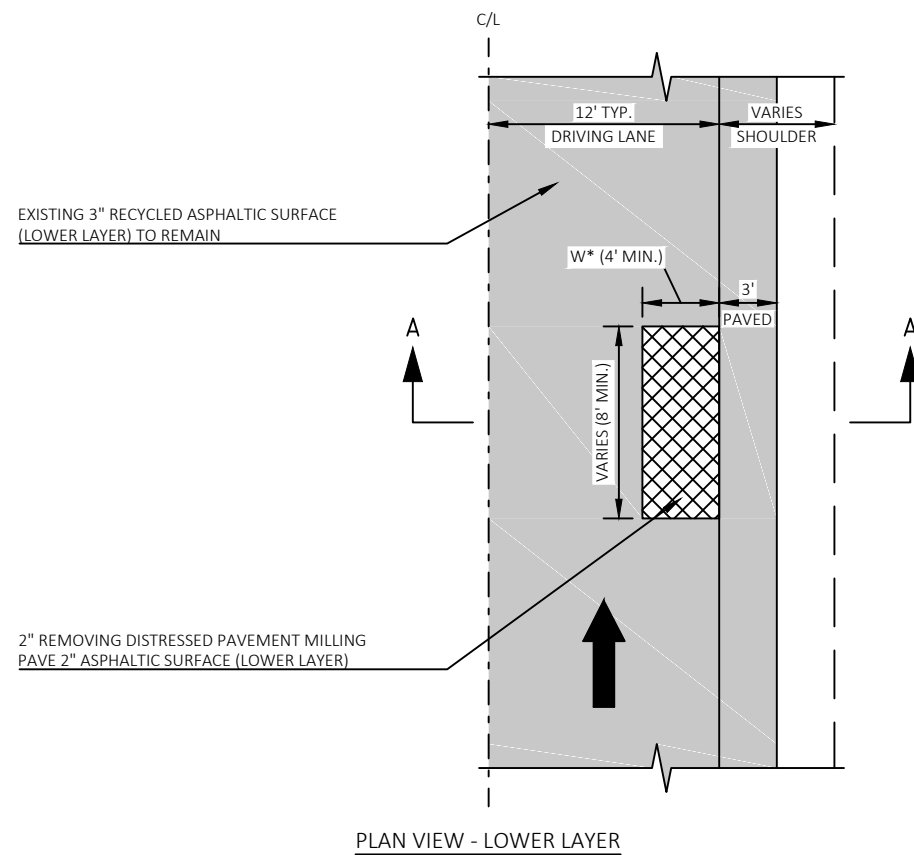
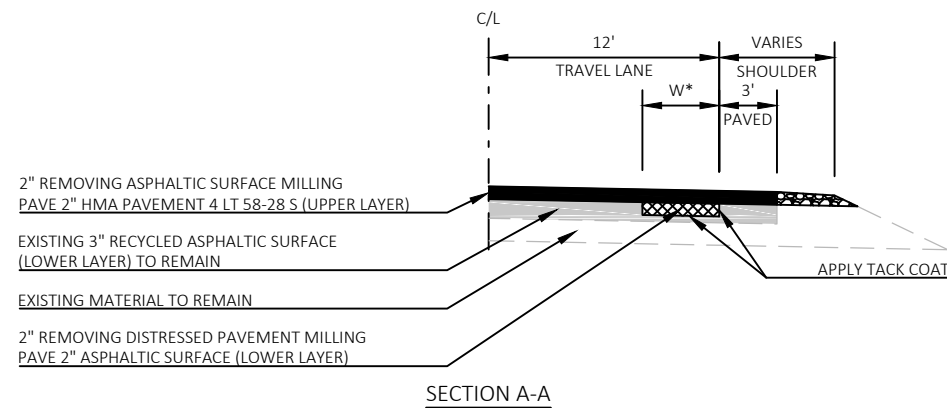
PLAN VIEW



CROSS SECTION VIEW

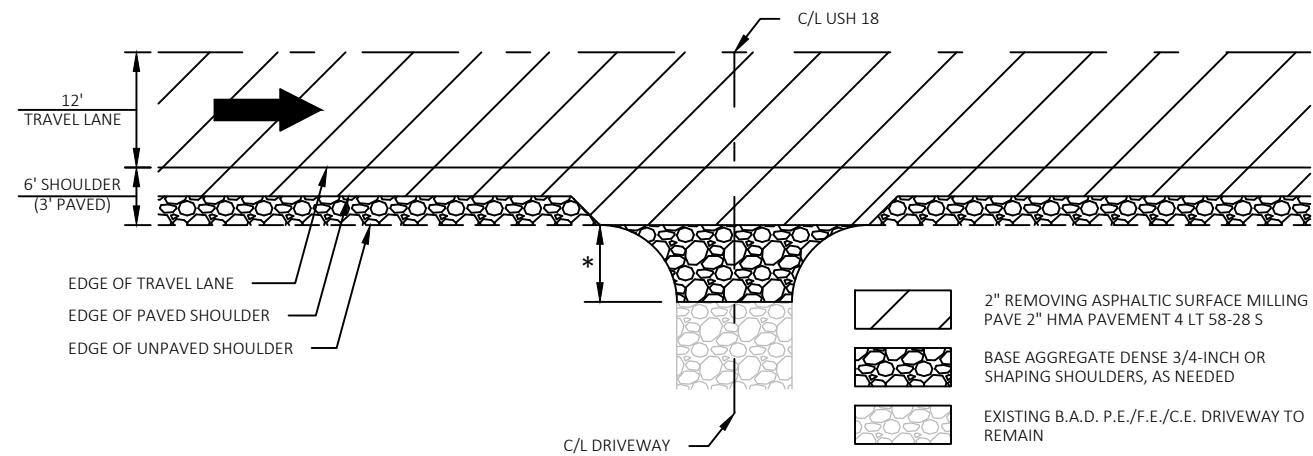
LONGITUDINAL PAVEMENT JOINT DETAIL - SECOND PASS





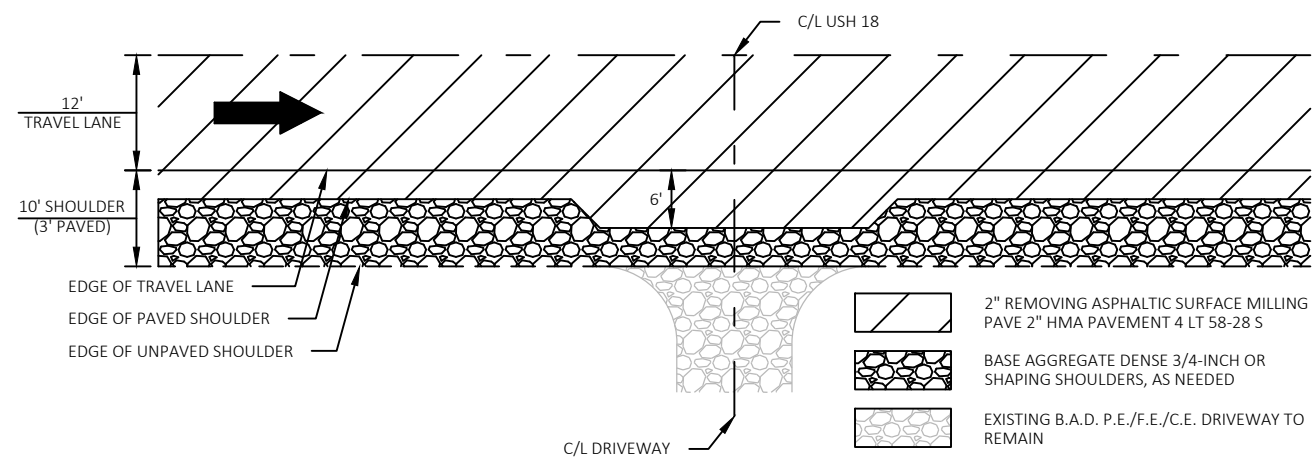
REMOVING DISTRESSED PAVEMENT MILLING DETAIL
SEE TABLE (RIGHT) FOR APPROXIMATE LOCATIONS AND WIDTHS.
EXACT LOCATIONS AND WIDTHS TO BE DETERMINED BY THE FIELD ENGINEER.
*NOTE: MEASURE W FROM OUTSIDE EDGE OF TRAVEL LANE TOWARDS C/L

STATION	TO	STATION	OFFSET	W (FT)
333+96	-	336+96	LT	4
359+00	-	379+86	LT	4
381+56	-	388+56	LT	4
393+75	-	401+56	LT	4
403+76	-	407+56	LT	4
411+26	-	434+05	LT	4
435+55	-	465+85	LT	4
481+00	-	484+00	LT	4
498+67	-	533+97	LT	4
534+47	-	567+47	LT	4
577+85	-	597+04	LT	4
337+46	-	343+06	RT	4
343+06	-	361+46	RT	8
361+46	-	365+00	RT	4
365+00	-	379+60	RT	8
381+80	-	384+95	RT	4
388+40	-	389+95	RT	8
396+00	-	398+80	RT	4
398+80	-	401+60	RT	8
406+60	-	408+40	RT	4
410+00	-	413+80	RT	8
415+05	-	417+56	RT	8
424+41	-	426+99	RT	8
432+89	-	440+59	RT	4
440+59	-	443+39	RT	8
443+39	-	449+99	RT	4
452+39	-	465+69	RT	8
465+69	-	469+49	RT	4
475+95	-	486+75	RT	4
486+75	-	492+50	RT	8
494+55	-	499+35	RT	4
502+85	-	504+35	RT	4
505+35	-	516+55	RT	4
516+55	-	519+95	RT	8
519+95	-	548+22	RT	4
548+22	-	551+00	RT	8
558+47	-	561+77	RT	4
563+67	-	568+97	RT	8
578+47	-	582+47	RT	4
585+00	-	591+77	RT	4
596+47	-	597+05	RT	4

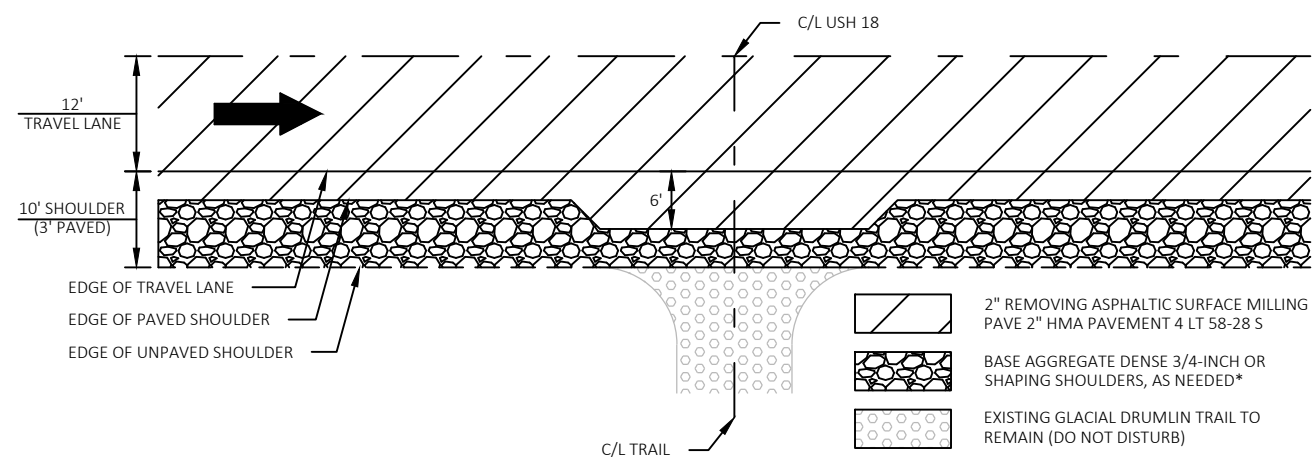


P.E./F.E./C.E. DRIVEWAY DETAIL - EXISTING B.A.D. (6' SHOULDER)

*REPLACE IN KIND TO THE DRIVEWAY RADIUS POINTS OR AS DIRECTED BY THE FIELD ENGINEER

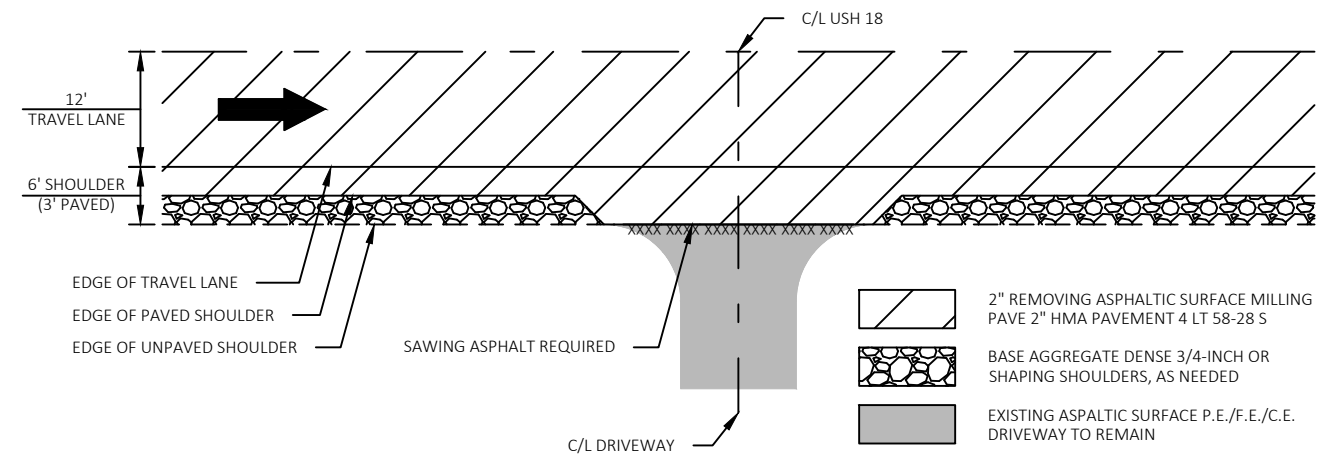


P.E./F.E./C.E. DRIVEWAY DETAIL - EXISTING B.A.D. (10' SHOULDER)

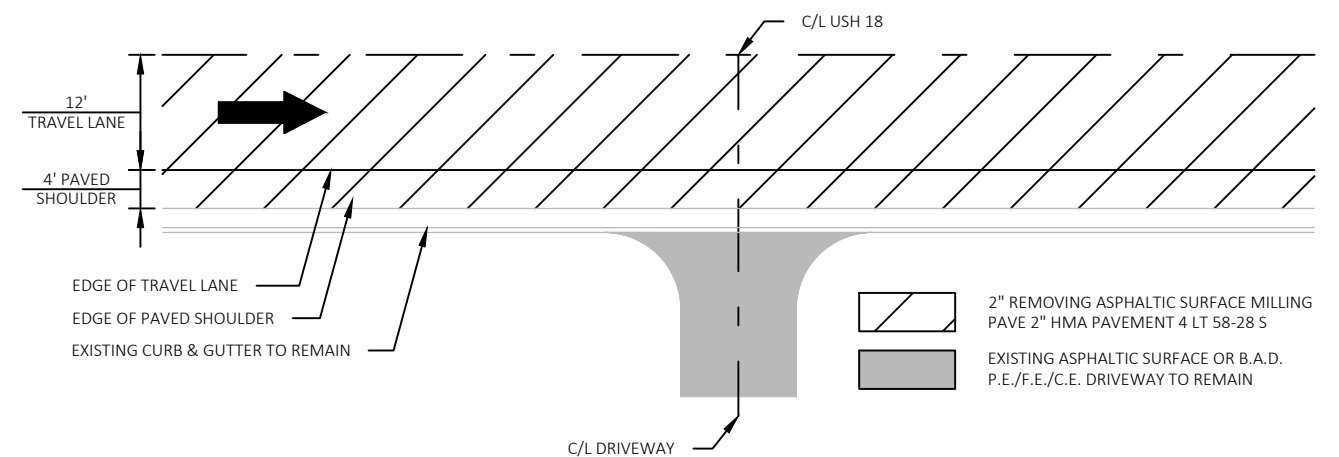


GLACIAL DRUMLIN TRAIL CROSSING DETAIL

*USE THE SHAPING SHOULDERS ITEM BETWEEN THE PAVED SHOULDER AND THE GLACIAL DRUMLIN TRAIL



P.E./F.E./C.E. DRIVEWAY DETAIL - EXISTING ASPHALT

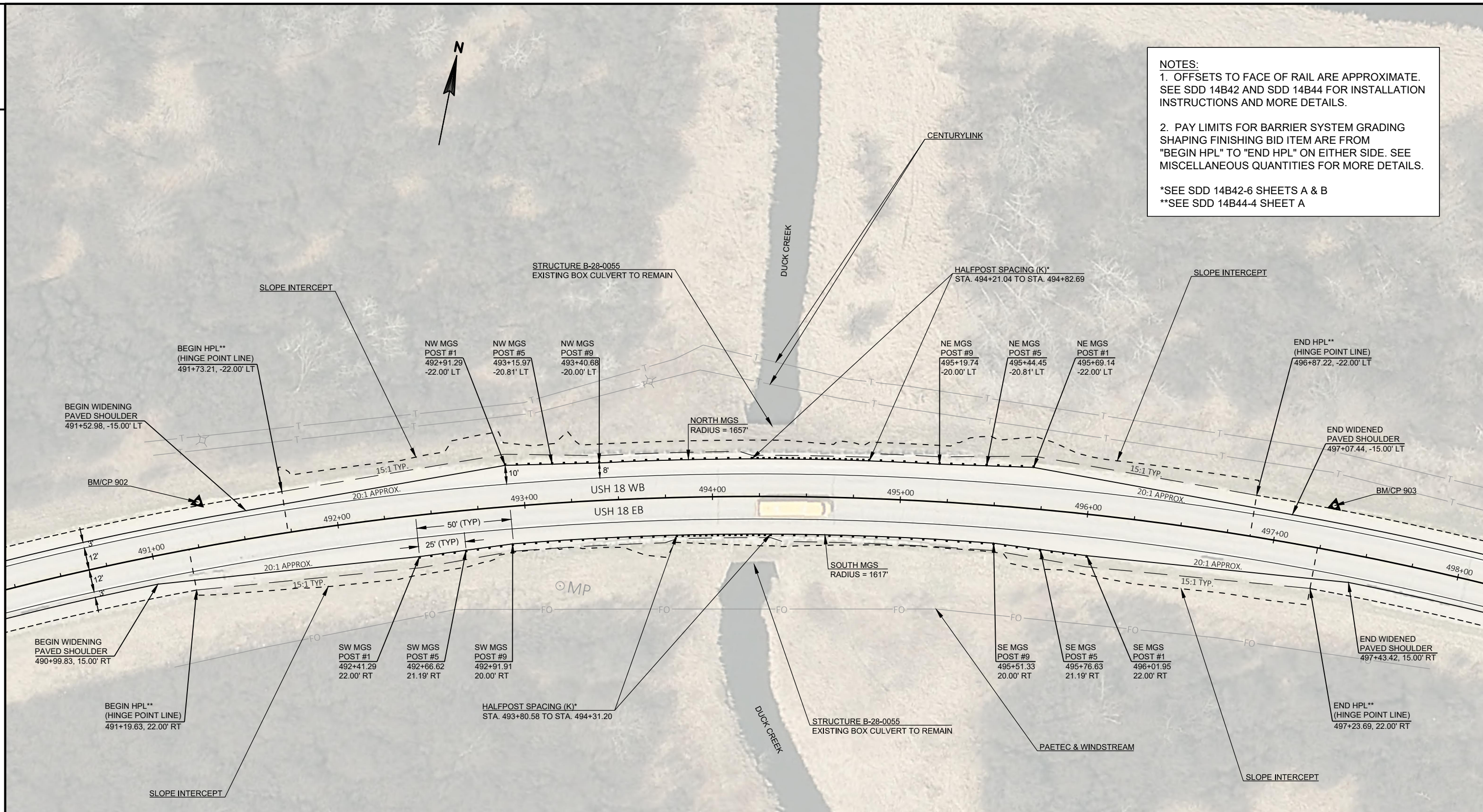


P.E./F.E./C.E. DRIVEWAY DETAIL - EXISTING CURB & GUTTER

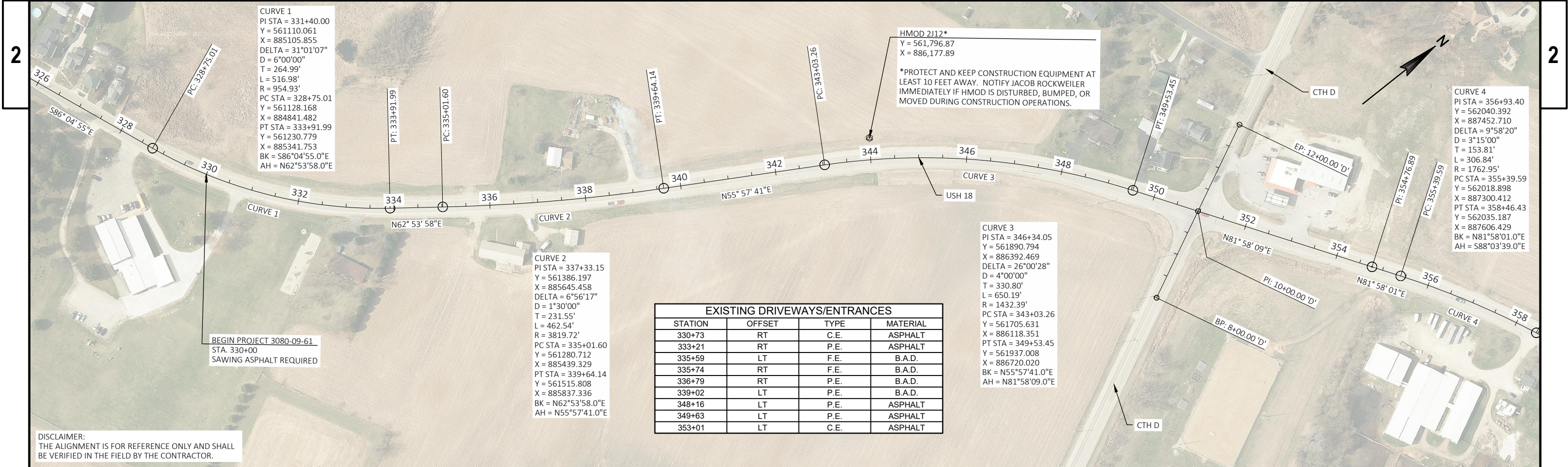
NOTES:
1. OFFSETS TO FACE OF RAIL ARE APPROXIMATE. SEE SDD 14B42 AND SDD 14B44 FOR INSTALLATION INSTRUCTIONS AND MORE DETAILS.

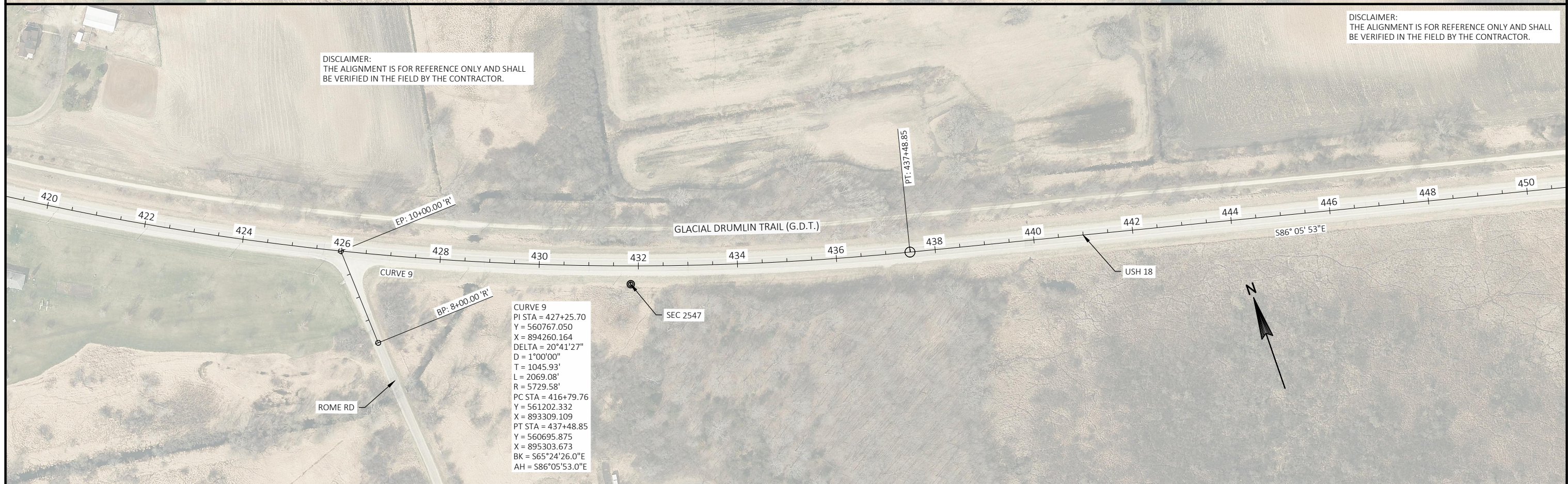
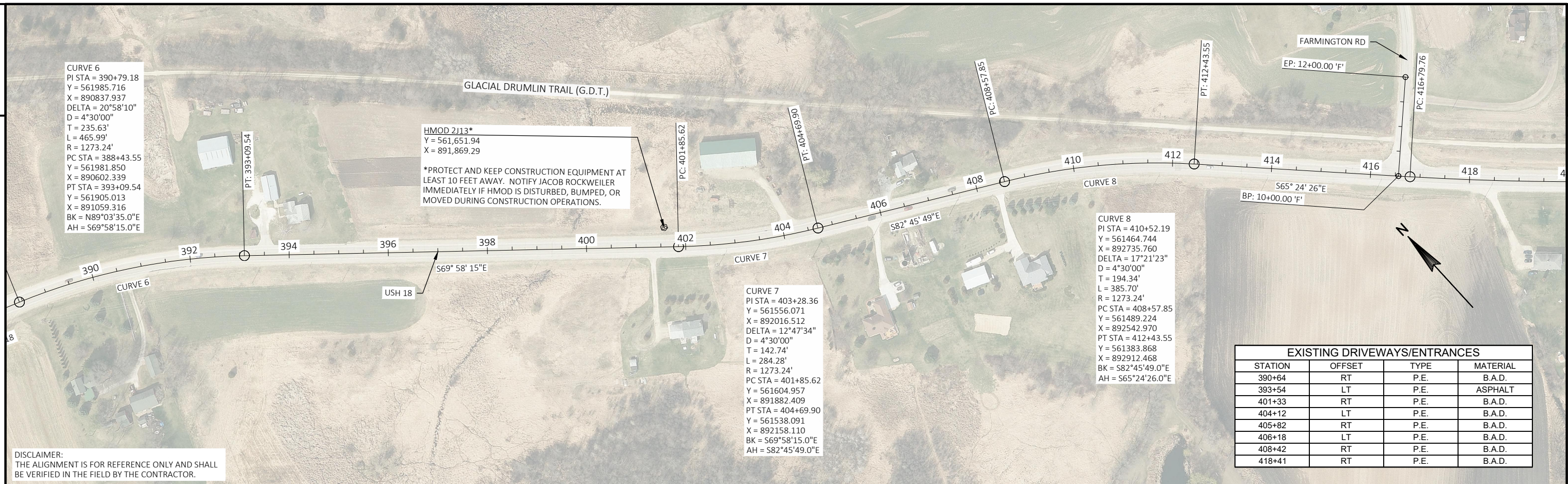
2. PAY LIMITS FOR BARRIER SYSTEM GRADING SHAPING FINISHING BID ITEM ARE FROM "BEGIN HPL" TO "END HPL" ON EITHER SIDE. SEE MISCELLANEOUS QUANTITIES FOR MORE DETAILS.

*SEE SDD 14B42-6 SHEETS A & B
**SEE SDD 14B44-4 SHEET A



BENCHMARKS/CONTROL POINTS						
NO.	NORTHING	EASTING	EL	STATION	OFFSET	DESCRIPTION
BM/CP 902	561,608.66	900,274.48	843.949	491+28.76	23.9' LT.	3/4" DIAMETER IRON RODS
BM/CP 903	561,725.25	900,868.30	844.297	497+28.56	23.9' LT.	3/4" DIAMETER IRON RODS





PROJECT NO: 3080-09-61

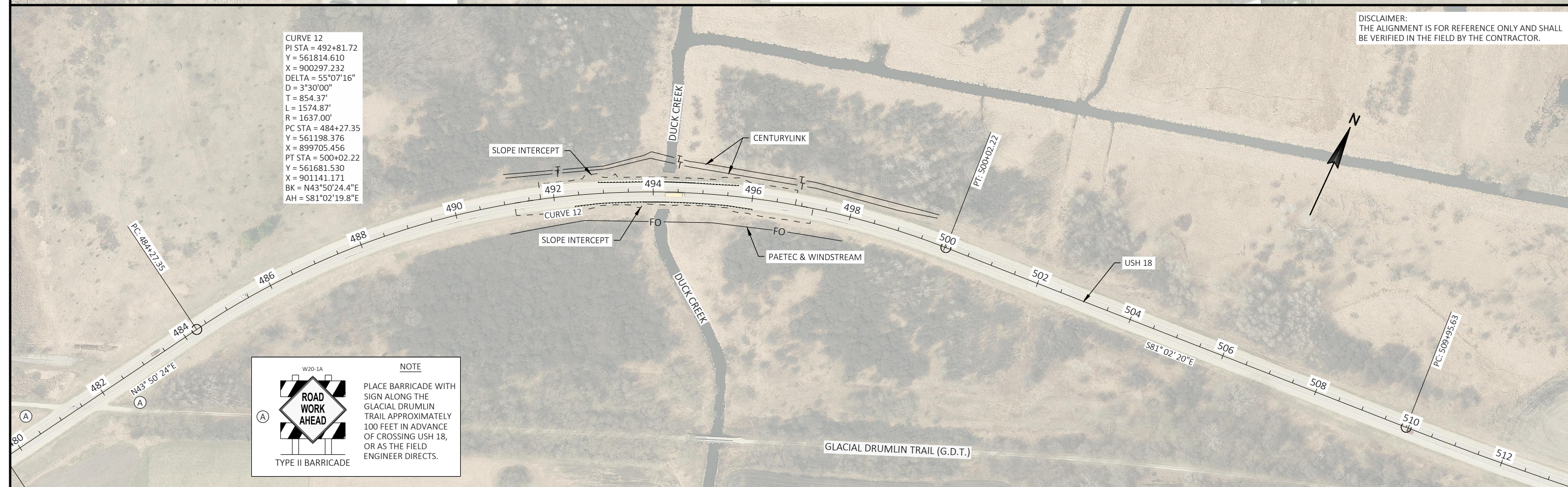
HWY: USH 18

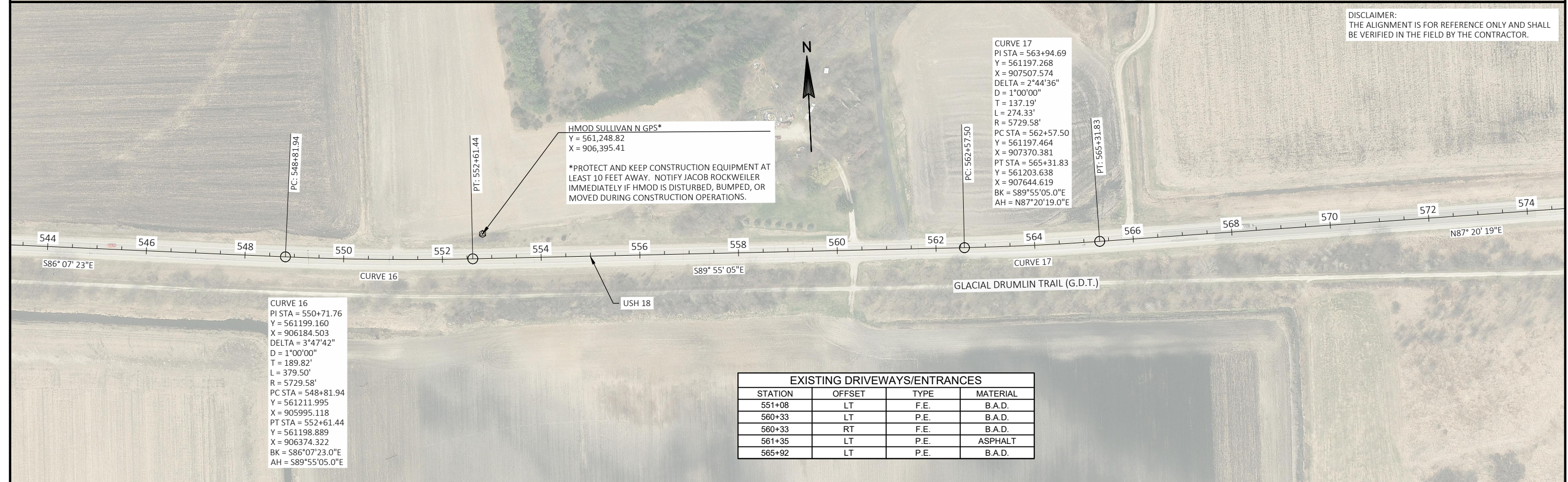
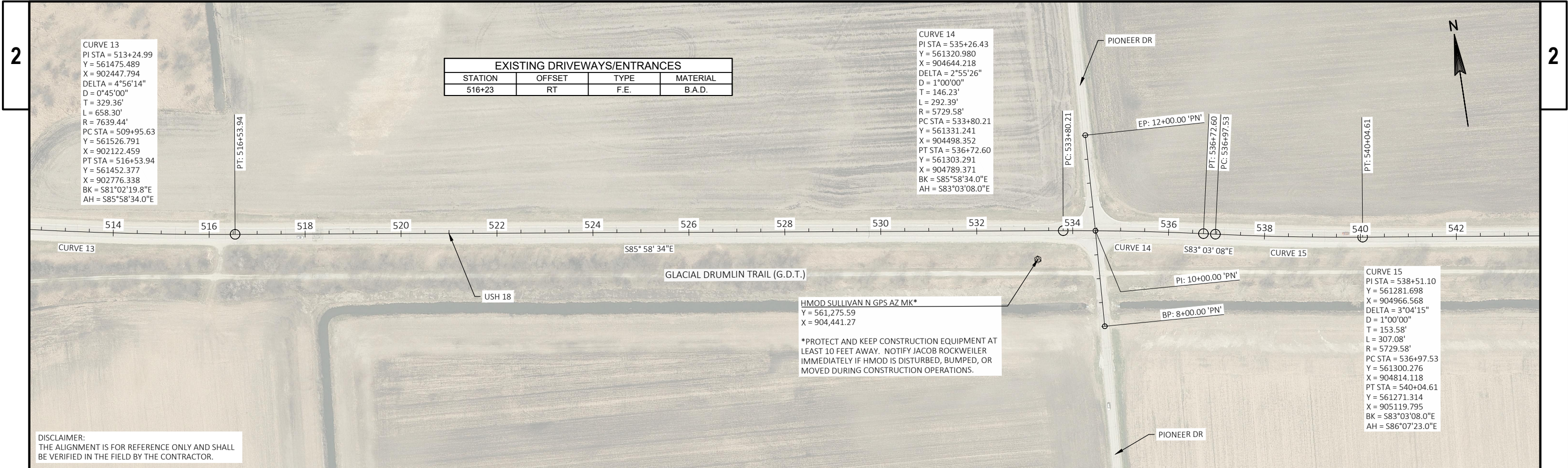
COUNTY: JEFFERSON

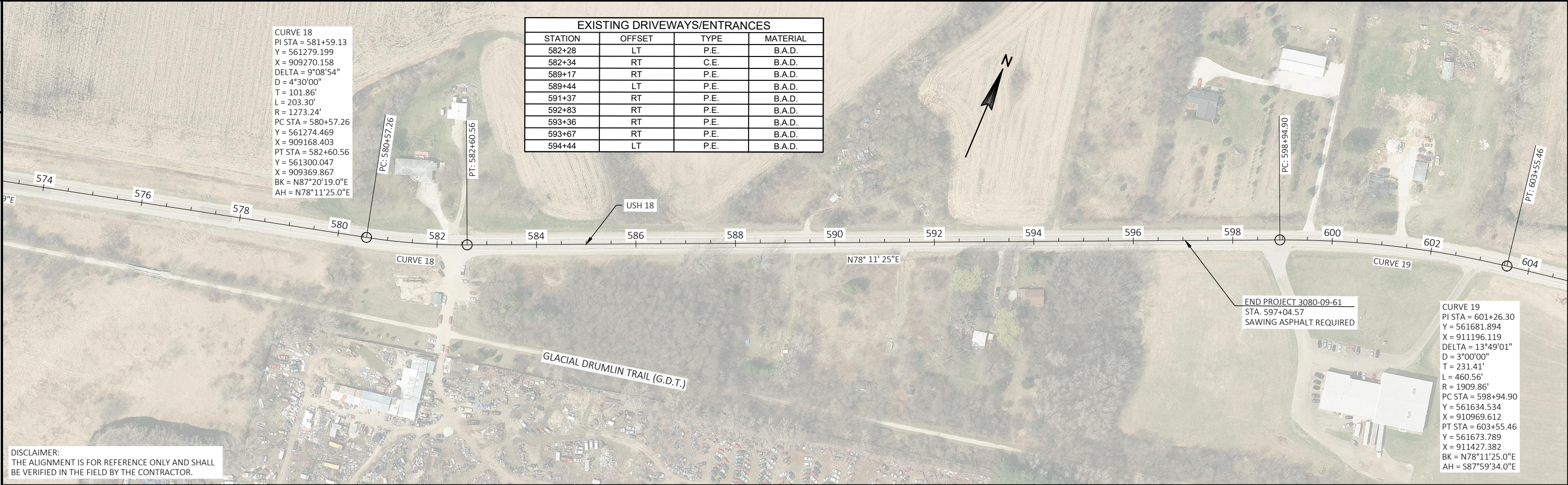
PLAN DETAILS

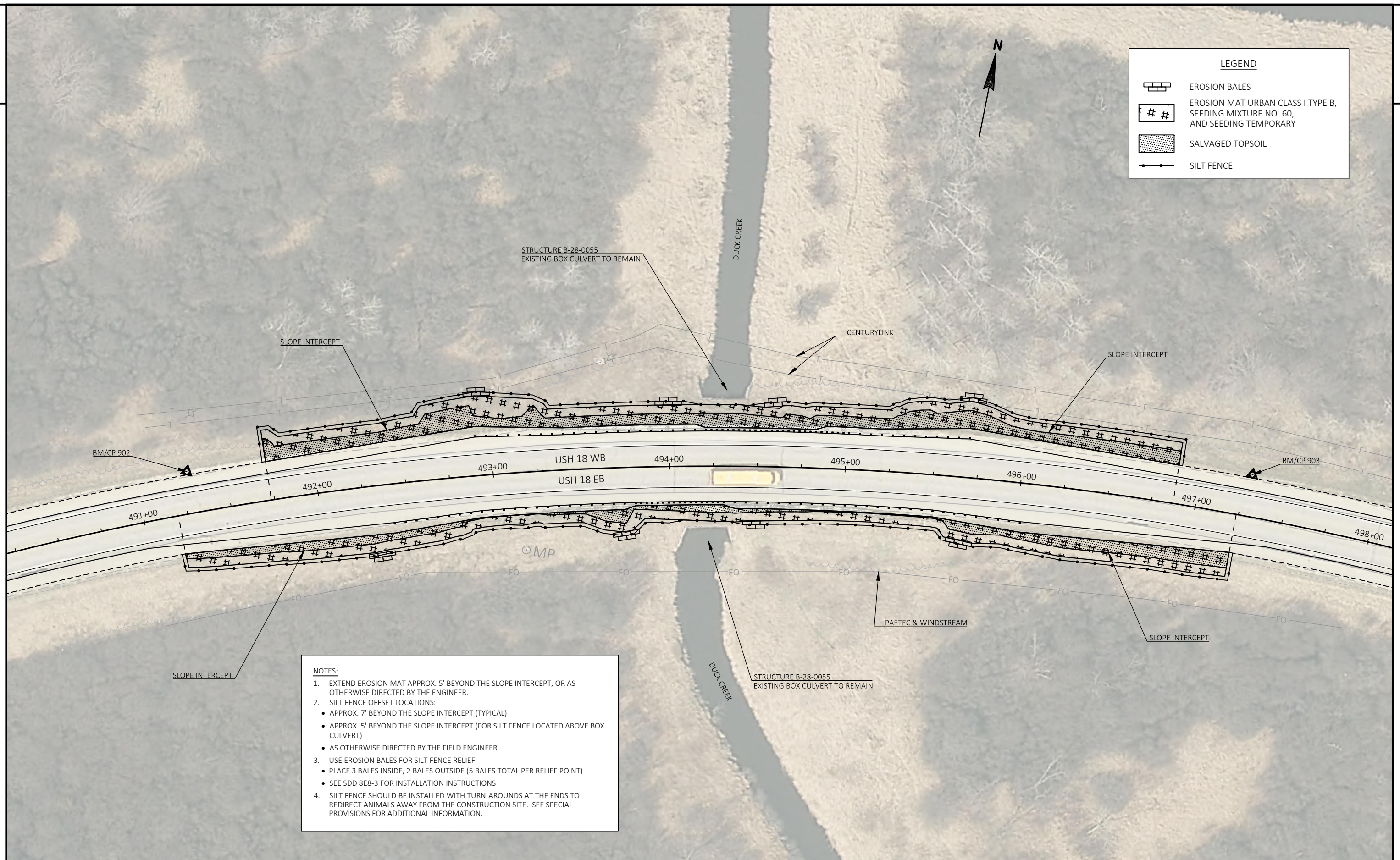
SHEET

E









PROJECT NO: 3080-09-61

HWY: USH 18

COUNTY: JEFFERSON

EROSION CONTROL

SHEET

E

ASPHALT ITEMS

				204.0120 REMOVING ASPHALTIC SURFACE MILLING	455.0605 TACK COAT	460.5224 HMA PAVEMENT 4 LT 58-28 S	465.0105 ASPHALTIC SURFACE	SPV.0180.01 REMOVING DISTRESSED PAVEMENT MILLING
STATION TO	STATION	OFFSET	LOCATION	SY	GAL	TON	TON	SY
330+00	-	350+96	LT USH 18	3613	269	410	15	134
350+96	-	377+79	LT USH 18	4737	396	535	94	836
377+79	-	416+56	LT USH 18	6635	556	751	131	1159
416+56	-	425+99	LT USH 18	1635	147	185	47	420
425+99	-	471+55	LT USH 18	7846	681	887	192	1708
471+55	-	534+47	LT USH 18	11007	922	1271	191	1705
534+47	-	597+05	LT USH 18	10617	922	1204	261	2324
SUBTOTAL 0010				46090	3893	5243	931	8286
330+00	-	350+96	RT USH 18	3909	347	442	107	953
350+96	-	377+79	RT USH 18	4989	514	565	251	2232
377+79	-	416+56	RT USH 18	6694	578	760	155	1371
416+56	-	425+99	RT USH 18	1645	135	187	26	230
425+99	-	471+55	RT USH 18	8069	784	913	262	2330
471+55	-	534+47	RT USH 18	10901	967	1273	331	2936
534+47	-	597+05	RT USH 18	10693	906	1210	224	1985
SUBTOTAL 0010				46900	4231	5350	1356	12037
TOTAL 0010				92990	8124	10593	2287	20323

HMA QMP MIXTURE USE TABLE:

LOCATION	STATION	MIXTURE USE	UNDERLYING SURFACE	BID ITEM	TONS	THICKNESS	QUALITY MANAGEMENT PROGRAM TO BE USED:	
							MIXTURE ACCEPTANCE	DENSITY ACCEPTANCE
12 FT DRIVING LANES	330+00 TO 597+05	UPPER LAYER	EXISTING RECYCLED ASPHALTIC SURFACE	HMA PAVEMENT 4 LT 58-28 S	8,031	2"	ITEM 460.2010 INCENTIVE AIR VOIDS HMA PAVEMENT	ITEM 460.2005 INCENTIVE DENSITY PWL HMA PAVEMENT
SHOULDERS, TURN LANES, INTERSECTIONS	330+00 TO 597+05	UPPER LAYER	EXISTING RECYCLED ASPHALTIC SURFACE	HMA PAVEMENT 4 LT 58-28 S	2,562	2"	ITEM 460.2010 INCENTIVE AIR VOIDS HMA PAVEMENT	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE

BARRIER SYSTEM GRADING SHAPING FINISHING

				614.0010 BARRIER SYSTEM GRADING SHAPING FINISHING	FOR INFORMATIONAL PURPOSES ONLY				
				EACH	EXCAVATION COMMON	BORROW TOPSOIL	SALVAGED MIXTURE NO. 60	SEEDING TEMPORARY	CONSTRUCTION STAKING SLOPE STAKES
STATION TO	STATION	LOCATION			CY	CY	SY	LB	LB
49173.21	-	49687.22	USH 18 - LT	1	37	-	423	10	20
49119.63	-	49723.69	USH 18 - RT	1	13	58	246	8	16
TOTAL 0010				2	50	58	669	18	36

BASE AGGREGATE DENSE ITEMS

				305.0110 BASE AGGREGATE DENSE 3/4-INCH	305.0500 SHAPING SHOULDERS	624.0100 WATER
STATION TO	STATION	LOCATION		TON	STA	MGAL
330+00	-	597+05	USH 18 - LT SHLDR	1399	267	14.0
330+00	-	597+05	USH 18 - RT SHLDR	1433	267	14.3
	-		P.E./F.E./C.E. - LT	14	-	0.1
	-		P.E./F.E./C.E. - RT	28	-	0.3
	-		UNDISTRIBUTED	287	-	2.9
TOTAL 0010				3161	534	31.6

ASPHALT CENTER LINE RUMBLE STRIPS 2-LANE RURAL

				465.0475 LF
STATION TO	STATION	LOCATION		
330+00	-	350+96	USH 18	1724
350+96	-	377+79	USH 18	2183
377+79	-	416+56	USH 18	3477
416+56	-	425+99	USH 18	543
425+99	-	471+55	USH 18	3957
471+55	-	534+47	USH 18	5693
534+47	-	597+05	USH 18	5941
TOTAL 0010				23518

GUARDRAIL ITEMS

				204.0165 REMOVING GUARDRAIL	614.2300 MGS GUARDRAIL	614.2330 MGS GUARDRAIL	614.2610 MGS GUARDRAIL
STATION TO	STATION	LOCATION	LF	LF	3 LF	3 K LF	TERMINAL EAT EACH
492+91	-	493+41	USH 18 - LT	-	-	-	1
493+41	-	495+20	USH 18 - LT	216.0	112.5	62.5	-
495+20	-	495+69	USH 18 - LT	-	-	-	1
492+41	-	492+92	USH 18 - RT	-	-	-	1
492+92	-	495+51	USH 18 - RT	214.5	200.0	50.0	-
495+51	-	496+02	USH 18 - RT	-	-	-	1
TOTAL 0010				430.5	312.5	112.5	4

MOBILIZATIONS

				619.1000 MOBILIZATION	628.1905 MOBILIZATIONS EROSION CONTROL	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL
LOCATION	EACH			EACH	EACH	
PROJECT	0.50			2		2
TOTAL 0010	0.50			2		2

TRAFFIC CONTROL ITEMS											
	643.0300	643.0310.S	643.0410	643.0900	643.1050	643.5000					
	TRAFFIC	TEMPORARY	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC					
	CONTROL	PORTABLE	CONTROL	CONTROL	CONTROL	CONTROL					
	DRUMS	RUMBLE STRIPS	BARRICADES	SIGNS	SIGNS	PCMS					
	02.3080-09-61		TYPE II								
LOCATION	EACH* DAY		LS	EACH* DAY		EACH* DAY	EACH* DAY	EACH			
PROJECT LIMITS	-	-	1	-	-	20	900	2	14	0.5	SEE SDD'S 15C4 & 15C12
GLACIAL DRUMLIN TRAIL	-	-	-	2	90	2	90	-	-	-	SEE PLAN DETAILS
GUARDRAIL - LT	17	119	-	-	-	1	7	-	-	-	SEE SDD 15D28
GUARDRAIL - RT	18	126	-	-	-	1	7	-	-	-	SEE SDD 15D28
TOTAL 0010	245		1	90		1004		14	0.5		

*FOR INFORMATIONAL PURPOSES ONLY

PAVEMENT MARKING ITEMS

			646.1020		646.1040		646.3040		646.6120		649.0105		649.0120	
			MARKING LINE		MARKING LINE		MARKING LINE		MARKING		TEMPORARY		TEMPORARY	
			EPOXY		GROOVED WET		GROOVED WET		STOP		MARKING LINE		MARKING LINE	
			4-INCH		REF EPOXY		REF EPOXY		LINE		PAINT 4-INCH		EPOXY 4-INCH	
			YELLOW	YELLOW	WHITE	WHITE	8-INCH	EPOXY	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW
STATION TO	STATION	LOCATION	LF	12.5' SKIP	SOLID	3' SKIP	WHITE	18-INCH	SOLID	12.5' SKIP	SOLID	12.5' SKIP	SOLID	12.5' SKIP
330+00	- 350+96	USH 18 - LT	2097	-	-	2041	39	-	-	4194	-	2097	-	-
350+96	- 377+79	USH 18 - LT	1457	312.5	-	2295	63	-	-	2934	587.5	1457	312.5	-
377+79	- 416+56	USH 18 - LT	3877	-	-	3666	24	-	-	7086	162.5	3877	-	-
416+56	- 425+99	USH 18 - LT	397	-	-	779	24	-	-	397	237.5	397	-	-
425+99	- 471+55	USH 18 - LT	1338	275.0	-	4501	-	-	-	3765	812.5	1338	275.0	-
471+55	- 534+47	USH 18 - LT	3540	687.5	-	5996	39	-	-	6030	950.0	3540	687.5	-
534+47	- 597+05	USH 18 - LT	1556	1175.0	-	6133	15	-	-	3619	1550.0	1556	1175.0	-
330+00	- 350+96	USH 18 - RT	2097	-	-	2015	-	100	-	-	-	2097	-	-
350+96	- 377+79	USH 18 - RT	1477	275.0	-	2466	24	-	-	-	-	1477	275.0	-
377+79	- 416+56	USH 18 - RT	3209	162.5	-	3822	-	-	-	-	-	3209	162.5	-
416+56	- 425+99	USH 18 - RT	-	237.5	-	810	24	-	-	-	-	-	237.5	-
425+99	- 471+55	USH 18 - RT	2427	537.5	-	4254	57	-	-	-	-	2427	537.5	-
471+55	- 534+47	USH 18 - RT	2490	262.5	-	5989	60	-	-	-	-	2490	262.5	-
534+47	- 597+05	USH 18 - RT	2063	375.0	-	6210	-	-	-	-	-	2063	375.0	-
9+00 D	- 10+00 D	CTH D	-	-	-	-	-	-	25	-	-	-	-	-
10+00 D	- 11+00 D	CTH D	-	-	-	-	-	-	25	-	-	-	-	-
9+00 P	- 10+00 P	CTH P	102	-	33	-	-	-	19	-	-	-	-	-
10+00 P	- 11+00 P	CTH P	117	-	34	-	-	-	20	-	-	-	-	-
-	-	UNDISTRIBUTED*	3168	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL 0010			31412	4300	67	50977	369	100	89	28025	4300	28025	4300	
TOTAL 0010			35779		51346		100		89		32325		32325	

*ADDITIONAL QUANTITY FOR POSSIBLE CLOSING OF EXISTING PASSING ZONES LOCATED OUTSIDE OF PROJECT LIMITS (USE ONLY IF REQUIRED)

EROSION CONTROL ITEMS

		628.1104	628.1504	628.1520	628.2008		
		EROSION	SILT	SILT	EROSION MAT		
		BALES	FENCE	FENCE	URBAN CLASS I		
		MAINTENANCE			TYPE B		
STATION TO	STATION	LOCATION	EACH	LF	LF	SY	
491+73	- 496+87	USH 18 - LT	20	596	596	745	
491+20	- 497+24	USH 18 - RT	20	649	649	583	
	-	UNDISTRIBUTED	10	125	125	199	
TOTAL 0010			50	1370	1370	1527	

LOCATING NO-PASSING ZONES

		648.0100		
STATION TO	STATION	LOCATION	MI	
330+00	- 597+05	USH 18	5.06	
TOTAL 0010			5.06	

VERIFY LANDMARK REFERENCE MONUMENTS

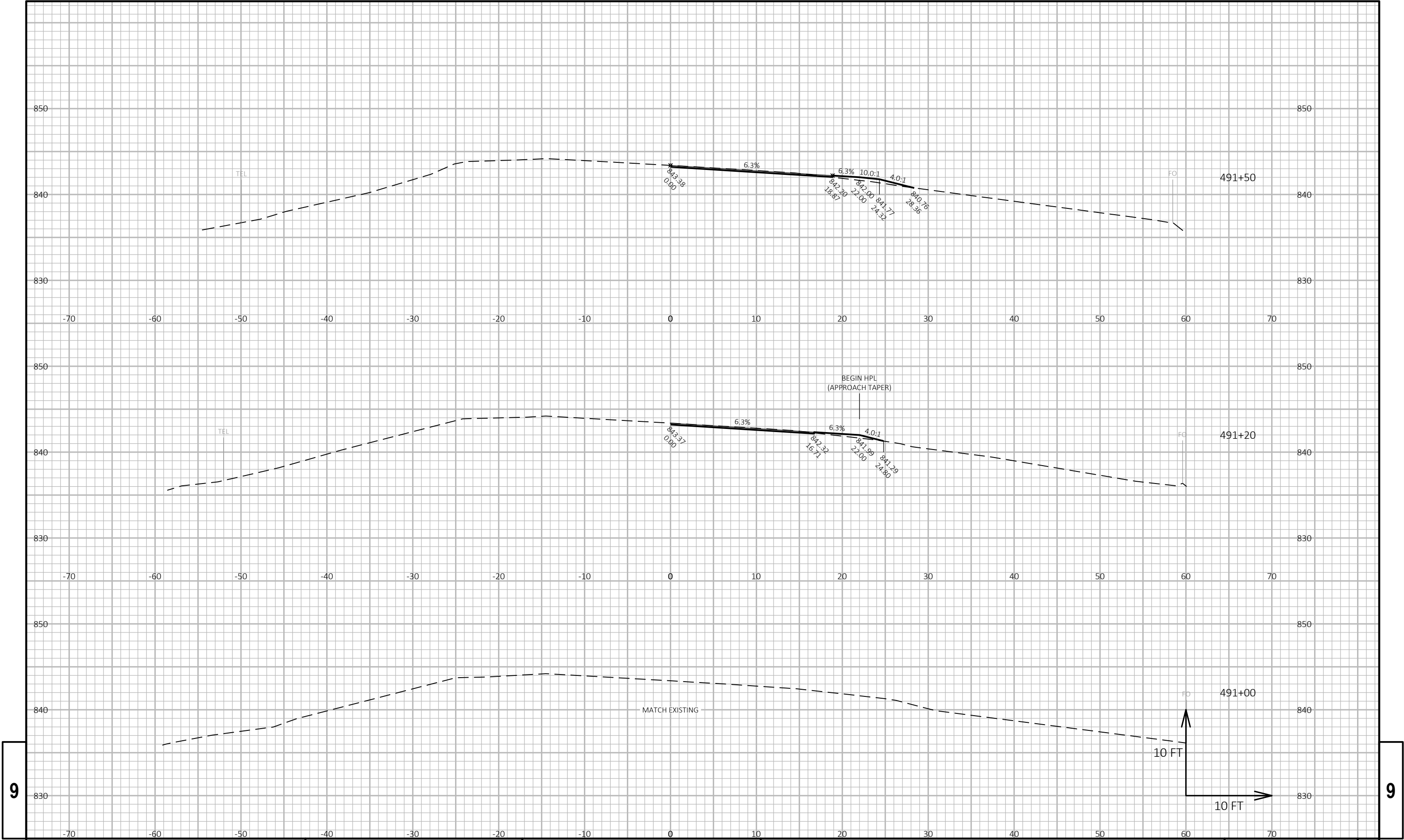
		SPV.0060.02		
STATION	LOCATION	EACH	REMARKS	
377+79	USH 18 - LT	1	SEC 2948	
431+75	USH 18 - RT	1	SEC 2547	
TOTAL 0010		2		

SAWING ASPHALT

		690.0150		
STATION	LOCATION	LF	REMARKS	
330+00	USH 18	30		
330+73	USH 18 - RT	32	C.E.	
333+21	USH 18 - RT	36	P.E.	
350+96	USH 18 - LT	92	CTH D	
350+96	USH 18 - RT	88	CTH D	
353+01	USH 18 - LT	62	C.E.	
377+79	USH 18 - LT	77	DUCK CREEK RD	
377+79	USH 18 - RT	23	DUCK CREEK RD	
416+56	USH 18 - LT	79	FARMINGTON RD	
425+99	USH 18 - RT	80	ROME RD	
454+44	USH 18 - LT	40	P.E.	
458+47	USH 18 - RT	54	C.E.	
471+55	USH 18 - LT	28	CTH P	
471+55	USH 18 - RT	27	CTH P	
534+47	USH 18 - LT	26	PIONEER DR	
534+47	USH 18 - RT	70	PIONEER DR	
561+35	USH 18 - LT	30	P.E.	
597+05	USH 18	30		
TOTAL 0010		904		

CONSTRUCTION STAKING ITEMS

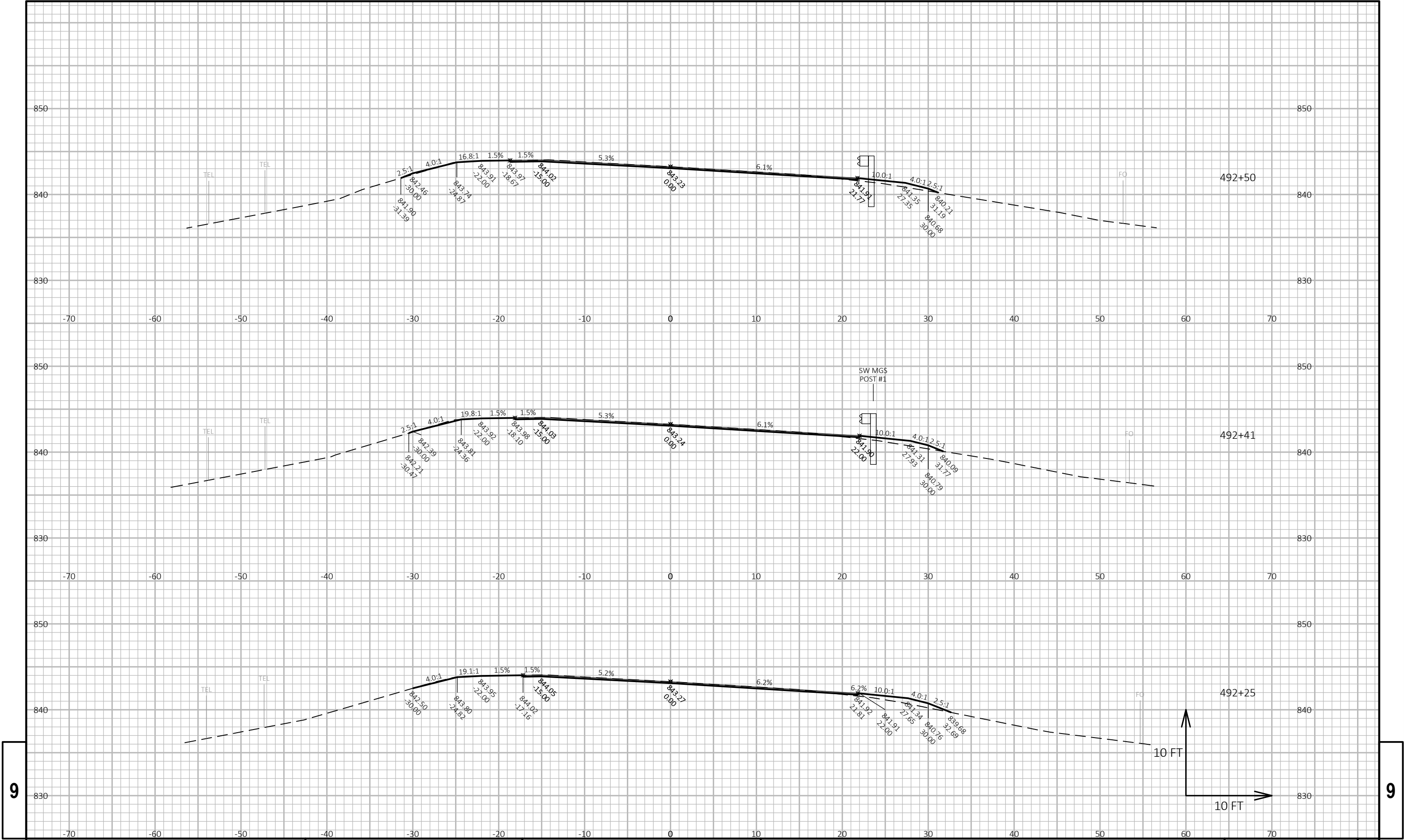
		650.8000	650.9910		
		CONSTRUCTION	CONSTRUCTION STAKING		
		STAKING RESURFACING	SUPPLEMENTAL CONTROL		
		REFERENCE	(02. 3080-09-61)		
STATION TO	STATION	LOCATION	LF	LS	
330+00	- 597+05	USH 18	26705	-	
	-	PROJECT	-	1	
TOTAL 0010			26705	1	



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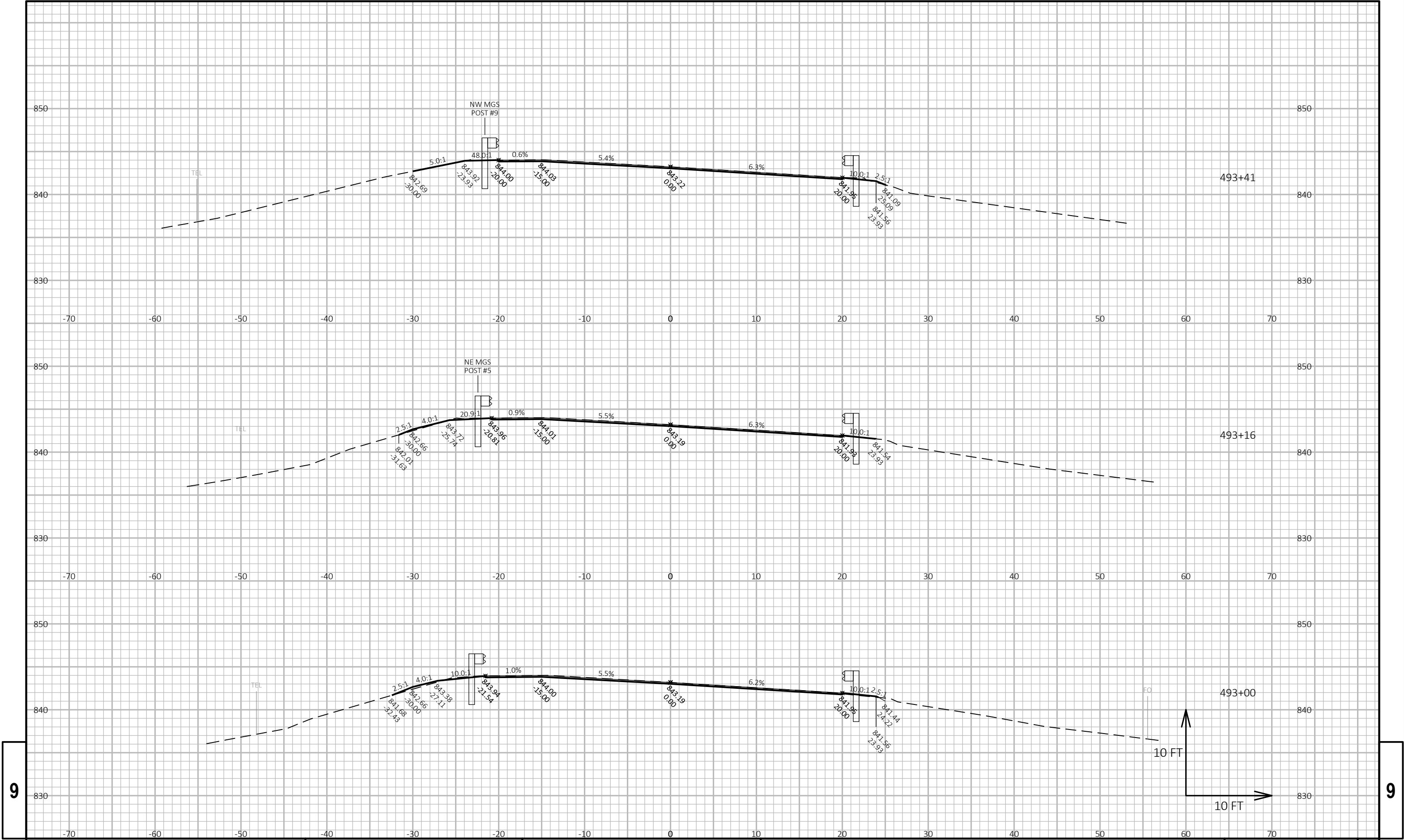
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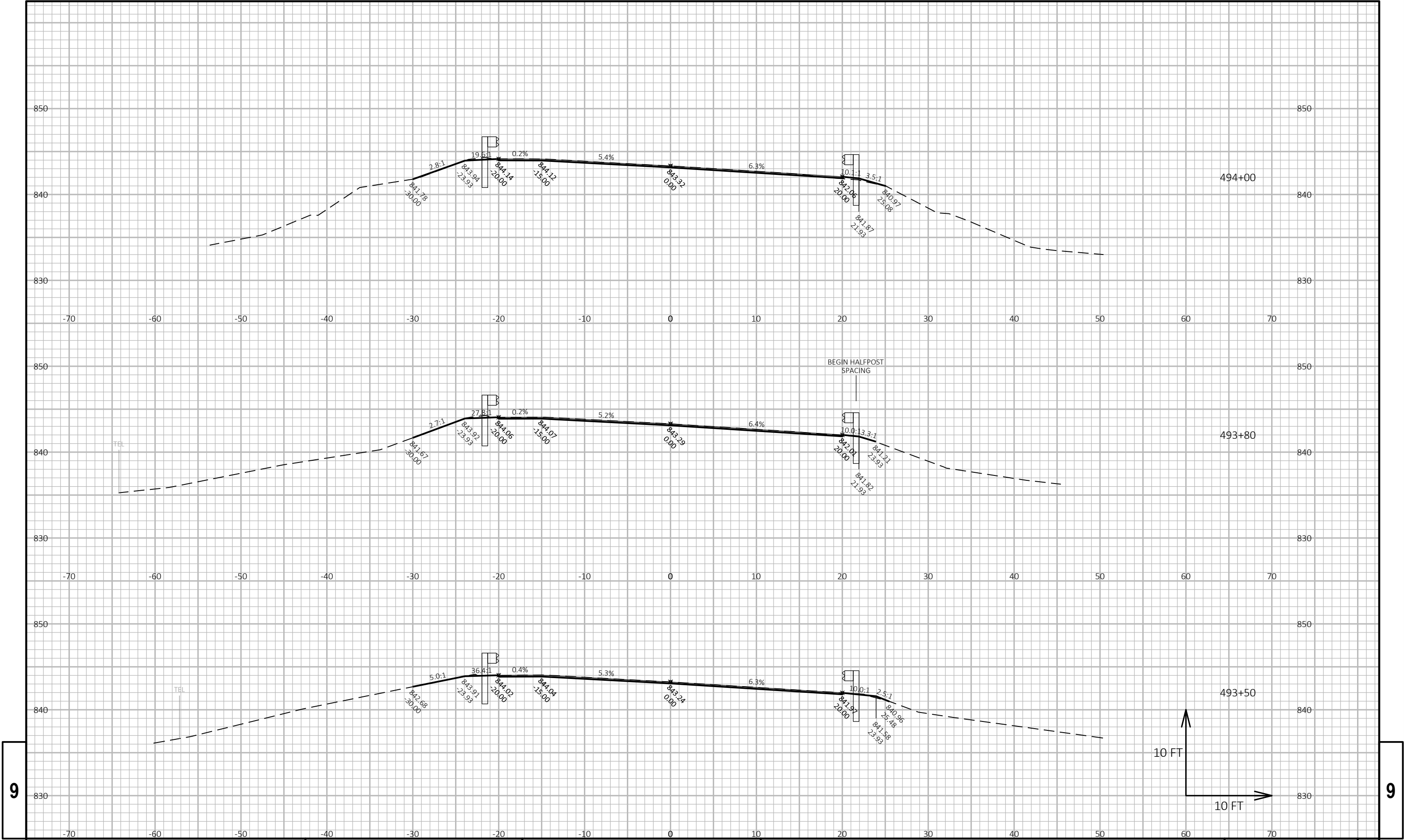
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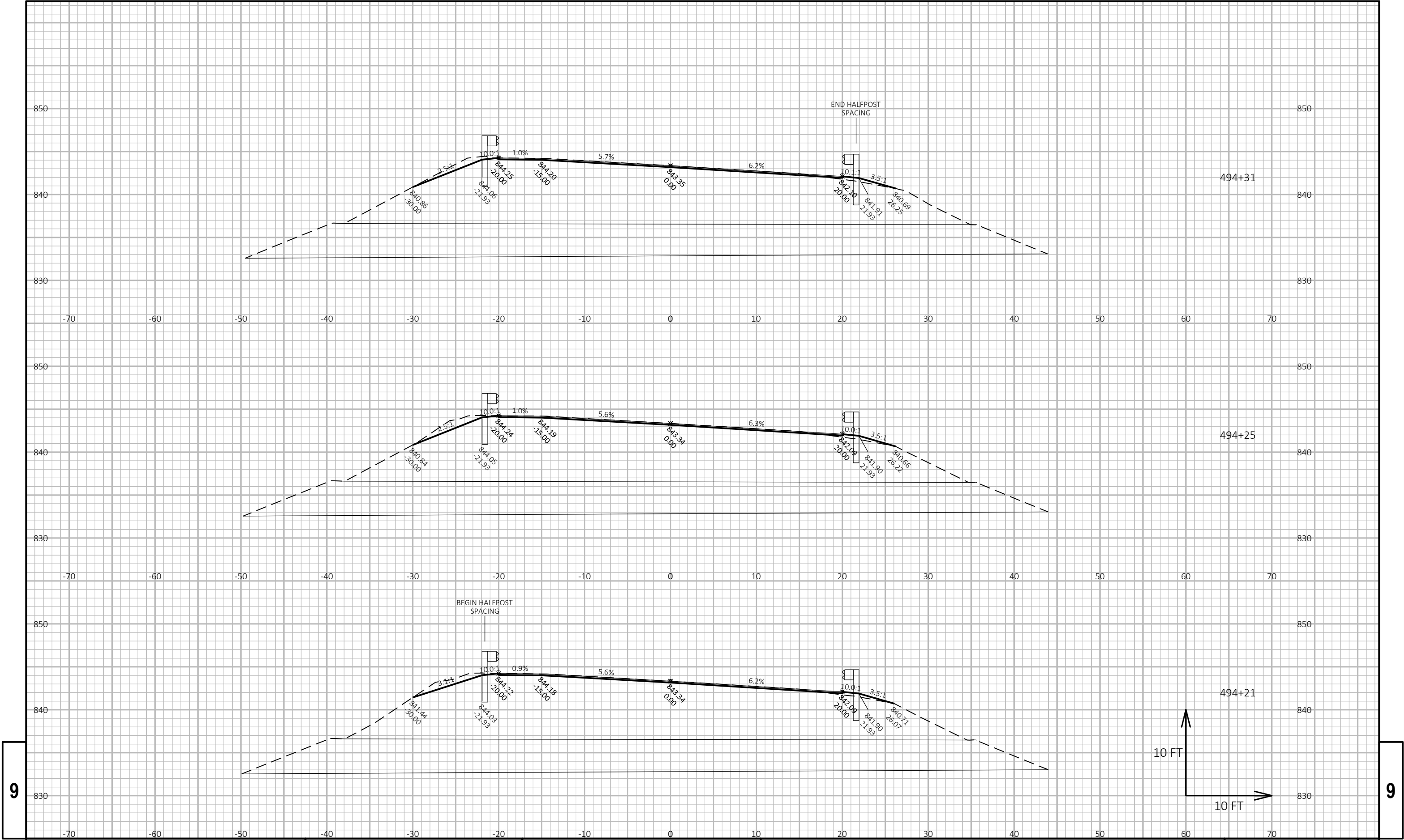




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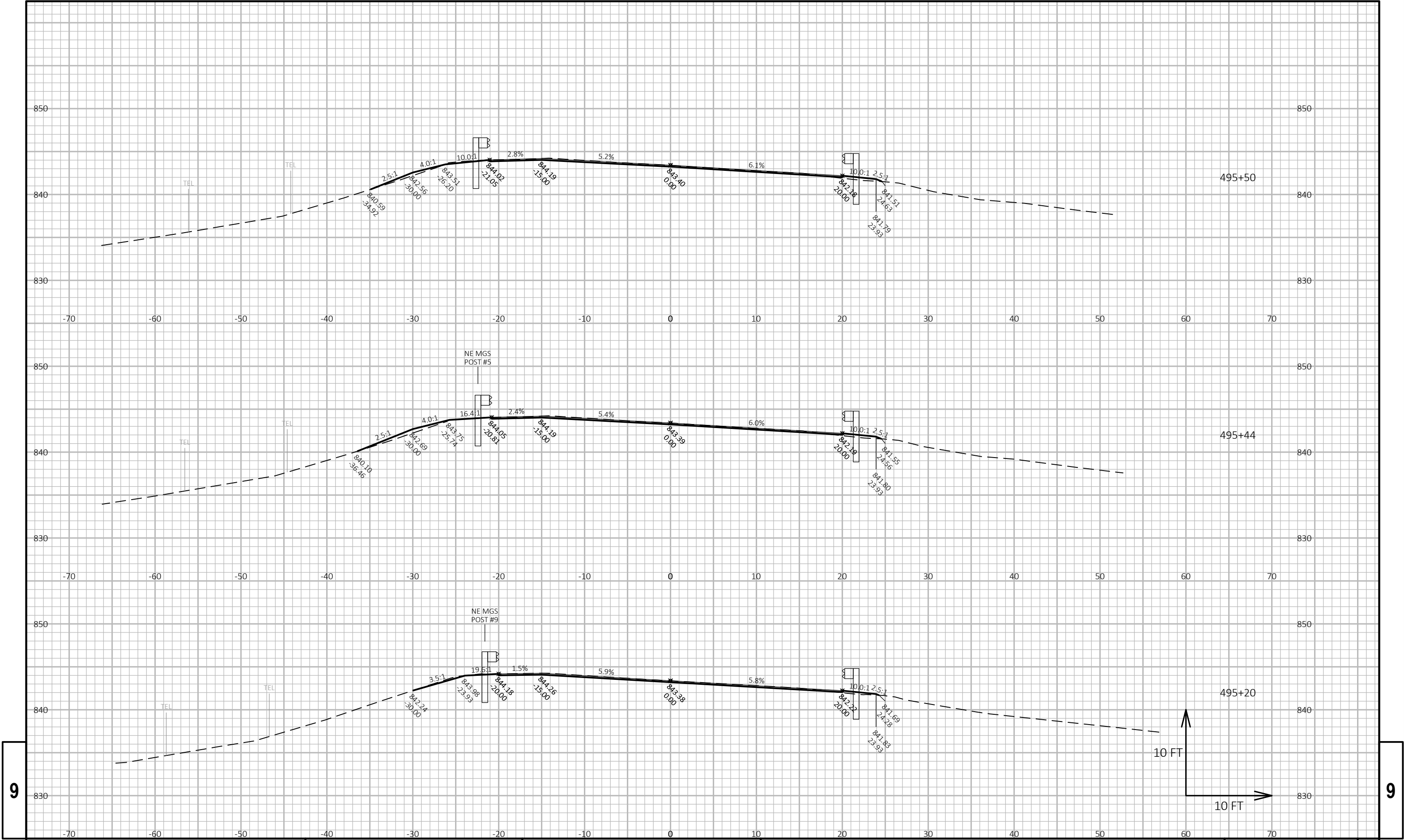
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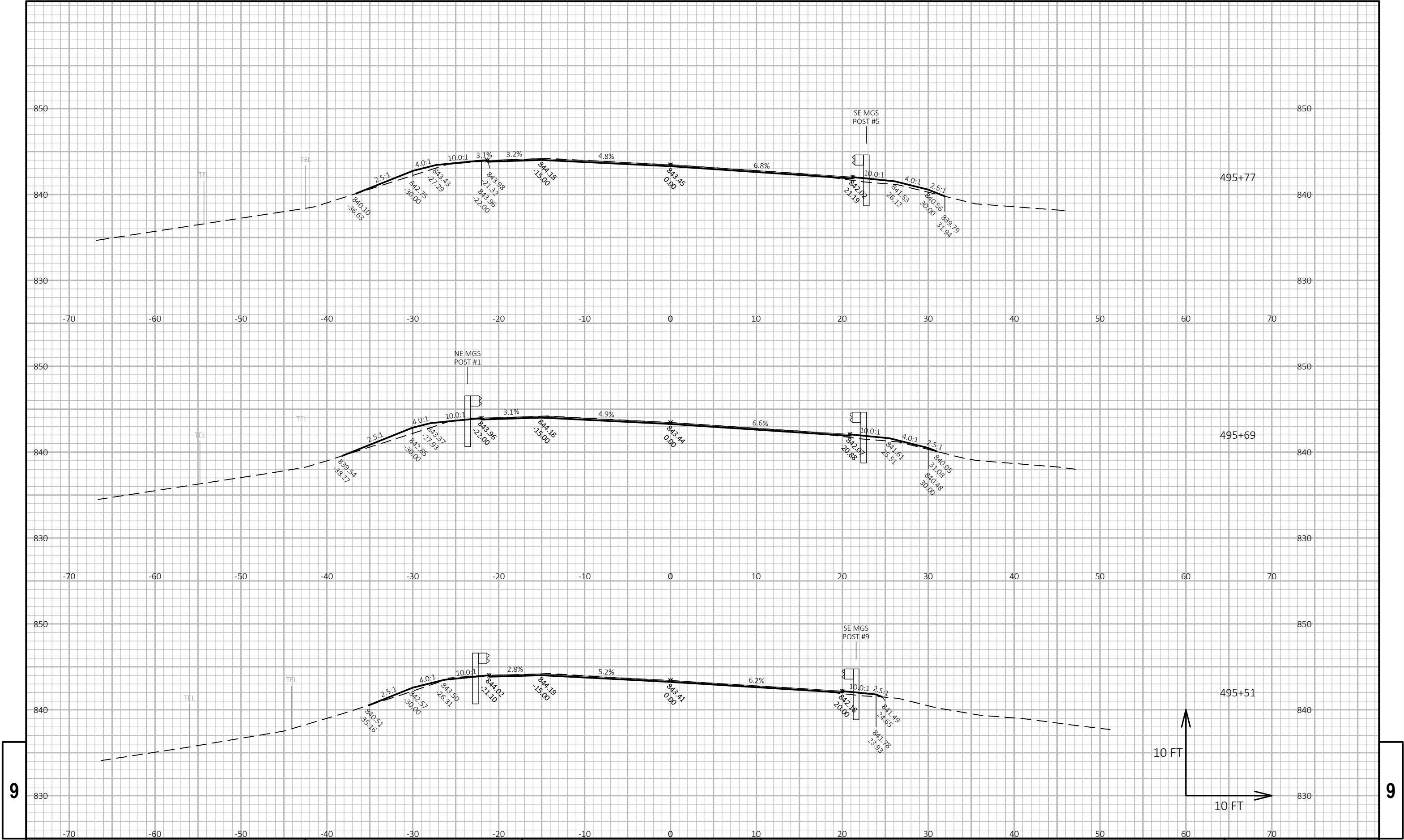
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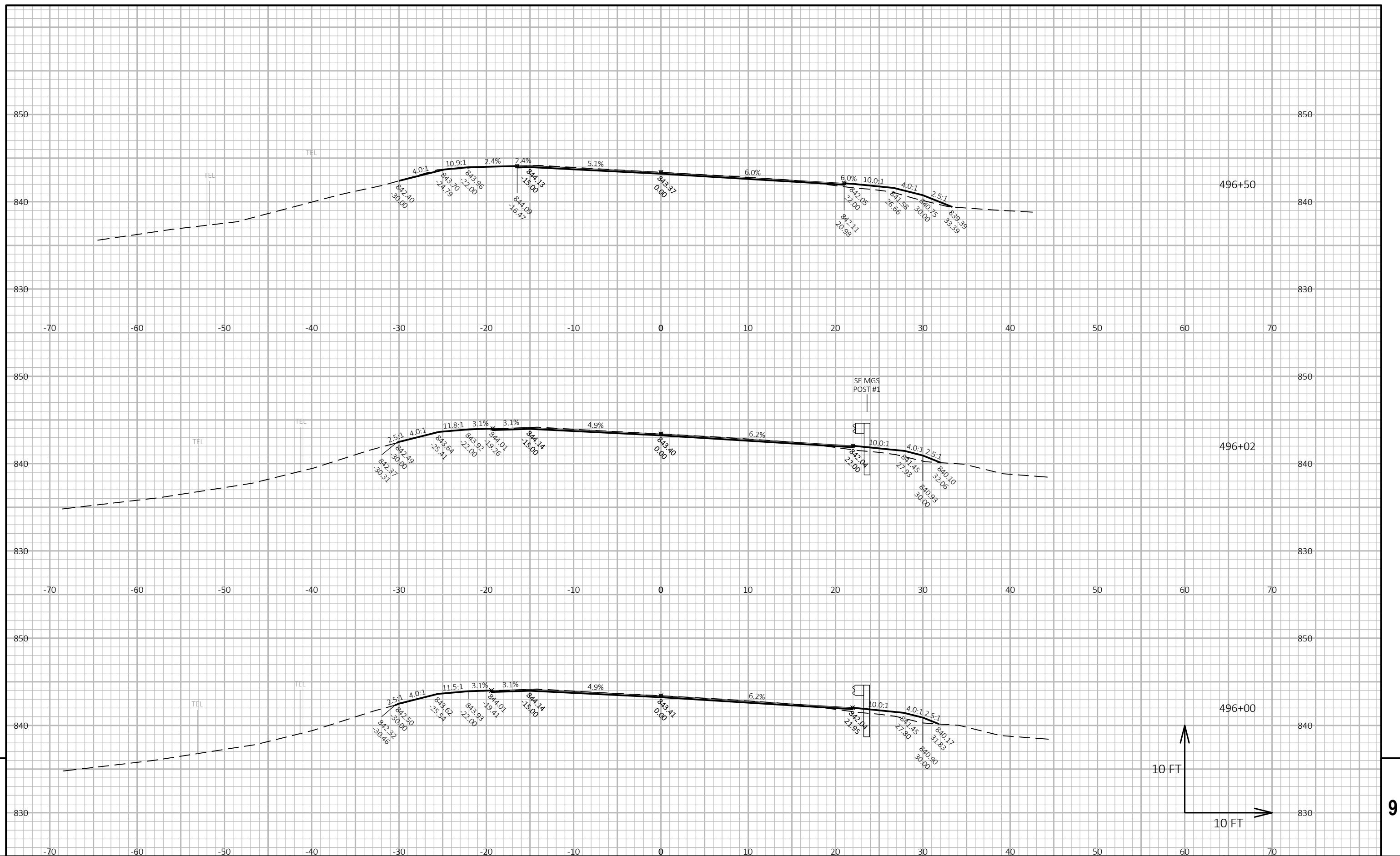
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PROJECT NO:	3080-09-61
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HWY: USH 18

COUNTY: JEFFERSON

CROSS SECTIONS: USH 18

SHEET ----

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LAYOUT NAME - 11

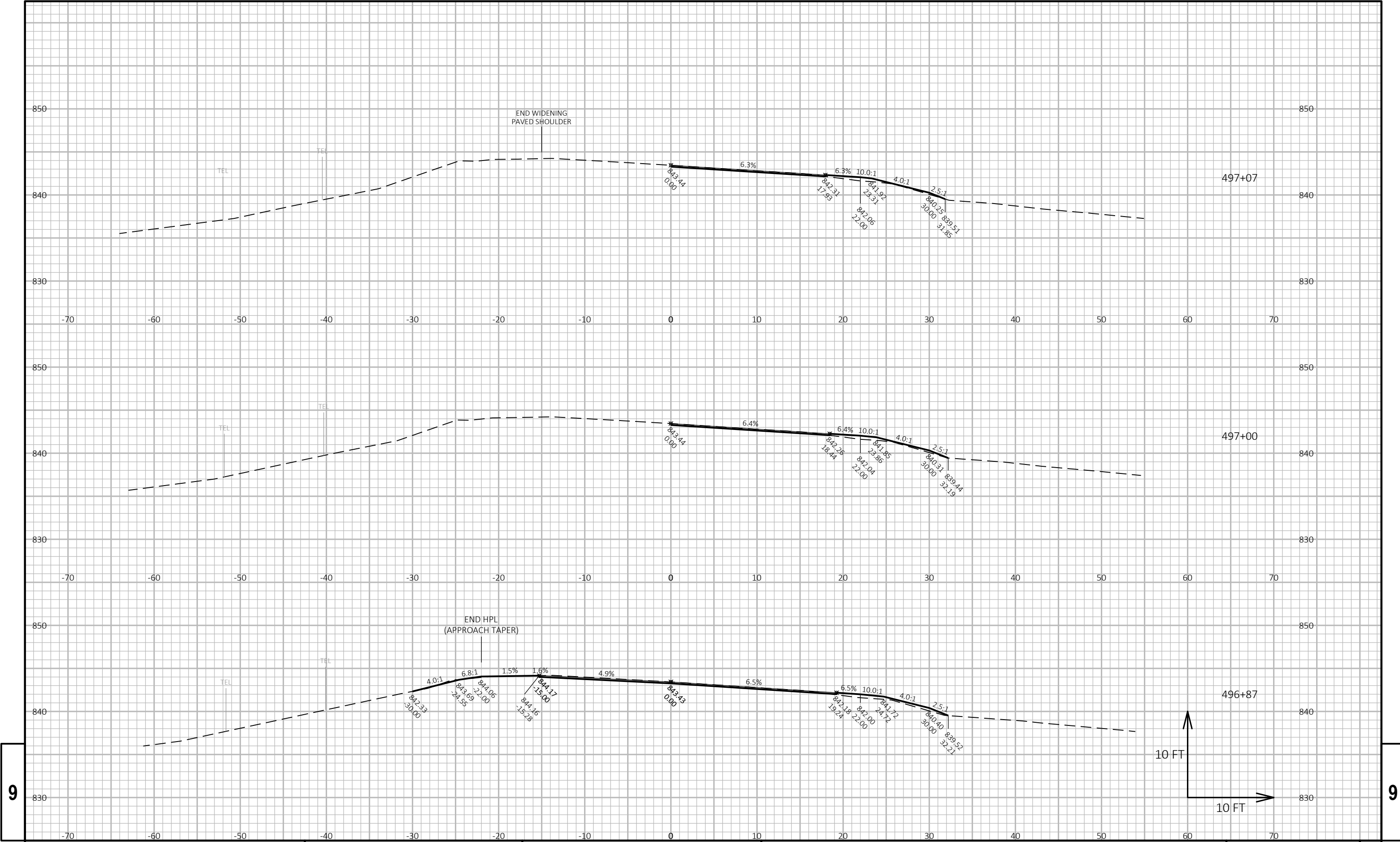
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PLOT BY : DEYMARCOS, TIJLER JO

PLOT NAME :

PLOT SCALE: 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

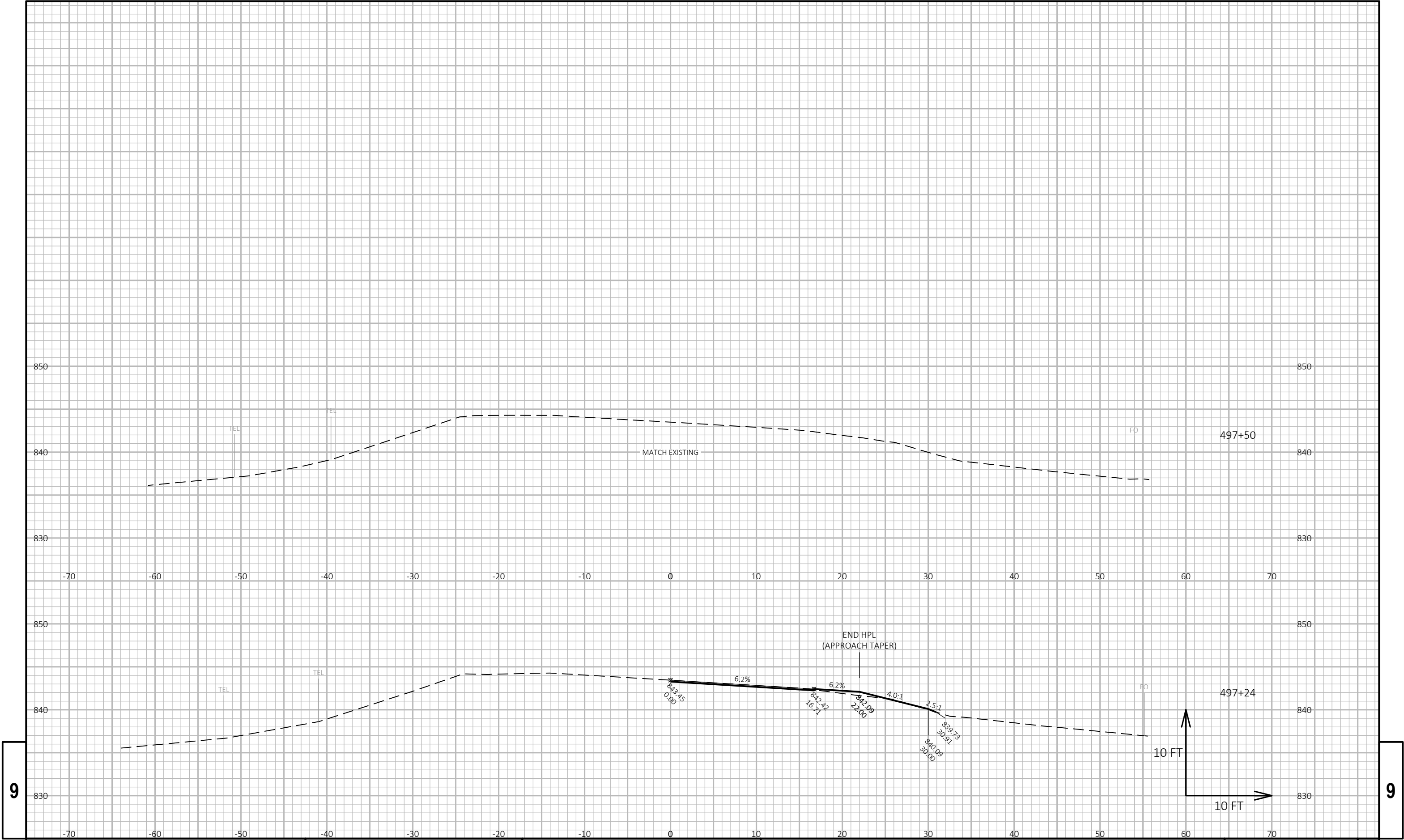
WISDOT/CADDs SHEET 49



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PROJECT NO: 3080-09-61	HWY: USH 18	COUNTY: JEFFERSON	CROSS SECTIONS: USH 18	SHEET ----	E
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